

Approval of the scheme:

Republic of Estonia

Environmental Board

Date:

**SHIP GENERATED WASTE RECEPTION AND
MANAGEMENT PLAN**

PORT OF BEKKER AND MEERUS

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1. Scope of the scheme

- 1.1. The plan sets out the procedure for the management of ship emissions and cargo waste from ships to be received at the port. The plan does not cover waste or pollutants arising from the work of undertakings operating in the port area, in the course of transport or storage of goods in ports, as well as as a result of pollution or ambient air pollution, and in cases provided in the Waste Act §1 under the subsection 1¹.
- 1.2. The aim of the scheme is to regulate the reception conditions for ship emissions and cargo waste, to ensure the availability of the reception equipment necessary for ships, to prevent an unreasonable increase in the downtime of ships in connection with the handling of ship emissions, and to establish a clear and justified procedure for the reception of ship emissions.
- 1.3. Ship's waste is classified as Regulation No. 70 of the Minister of the Environment of 14.12.2015 "Procedure for classification of waste and waste management, including list of waste".
- 1.4. The volume of the plan and its preparation are based on the Port Act and regulation No. 31 of the Minister of Economic Affairs and Infrastructure of 21.04.2022 "Requirements for submission of information concerning the transfer and receipt of ship waste and the bases for determining the fee for the reception of ship waste".

2. Basic concepts

- 2.1. **Ship's waste means** all waste other than cargo waste, including waste water, waste, bilge water, waste from the engine room or water tank containing petroleum products and oil from machinery, and waste generated during the operation of a vessel and falling within the scope of Annexes I, IV, V and VI to the International Convention on the Prevention of Marine Pollution from ships (hereinafter referred to as MARPOL), and cargo-related waste as defined in the instructions for the implementation of Annex V to Marpol 73/78.
- 2.2. **Cargo waste** means the residues of cargo in cargo spaces or containers on board of a vessel which remain after the completion of cargo, unloading and cleaning operations, including residues from loading and unloading. Except for the dust on the deck after wiping which remains on the deck or dust on the outer surfaces of the ship.
- 2.3. **Litter** means any type of food, household and other waste arising from the normal operation of a craft as defined in Annex V to Marpol which needs to be disposed of continuously or periodically, with the exception of raw fish and its components and substances as defined or referred to in the other Annexes to MARPOL.
- 2.4. **Waste water** means liquid or other waste discharged through any type of toilet, urinal, bidet or toilet drainage hole as defined in Annex IV to MARPOL IV, liquid discharged through a washing bath, washing pipe or drainage hole in a medical room

(dispenser, hospital section), liquid removed from a room containing live animals or other waste water mixed with the drained liquids or waste listed above.

- 2.5. **Cargo-related waste** means any materials which have become waste as a result of the attachment or handling of cargo on board of a vessel, including, for example, packing wood, lifting trays, lining and packaging materials, plywood, paper, cardboard, swine and slings etc.
- 2.6. **Port reception equipment** means stationary, anchored or mobile equipment capable of receiving ship emissions and cargo waste.
- 2.7. **Non-hazardous waste** - is all waste that is not part of hazardous waste.
- 2.8. **Solid ship-generated emissions means** all solid-state waste of any type arising from the normal operation of a craft, with the exception of cargo waste, cargo-related waste and liquid ship emissions, including waste (mixed municipal waste, food waste, biodegradable waste, plastics, plastic packaging, rag paper, etc.) and hazardous waste (oily rags, absorbents, packaging containing or contaminated with hazardous substances, batteries, luminescent lamps, electrical and other).
- 2.9. **Biodegradable waste** - is anaerobic or aerobically degradable waste, such as food waste, paper and cardboard.
- 2.10. **Hazardous waste** is waste which, due to at least one of the hazardous characteristics mentioned in the Annex to EU Regulation No 1357/2014, may pose a risk to health, property or the environment.
- 2.11. **Municipal waste** means mixed waste collected from households and separated waste, including paper and cardboard, glass, metals, plastics, bio-waste, wood, textiles, packaging, waste from electrical and electronic equipment, batteries and large-scale waste, including mattresses and furniture, and mixed municipal waste collected from other sources, similar in composition and characteristics to household waste.
- 2.12. **Waste holder** is a waste producer or other person or authority in possession of waste.
- 2.13. **Waste producer** means a person or institution whose activities produce waste, or whose activities result in a change in the nature or composition of the waste.
- 2.14. **Waste management** is the collection, transport, recovery, recycling and disposal of waste.
- 2.15. **Waste collection** – is the collection, sorting and preparation of a mixture for the purpose of further transporting or reusing or disposing of waste at source.
- 2.16. **Waste collection point** means an area in the port, in the port of Bekker in the immediate vicinity of quay No. 4 and at the port of Meerus at the entrance, where an environmental plant for the collection of hazardous solid waste has been placed by the waste management company and the port-owned port reception equipment (waste collection equipment) where the reception of solid ship emissions from ships is carried out.

- 2.17. **A waste intermediary** is an undertaking that organises the recovery or disposal of waste on behalf of others, regardless of whether it possesses the waste or not.
- 2.18. **Waste transport** – is the delivery of a waste shipment by means of transport from the place of departure to the destination. The transport of waste involves loading and unloading a shipment of waste and assembling a waste shipment from several consignments. (A waste carrier shall not be deemed to be a waste holder unless its task is solely to deliver the transferred shipment to the destination designated by the supplier or to forward it in its original form to the person authorised to receive the shipment, unless otherwise agreed in the contract of carriage concluded between the transferor and the carrier).
- 2.19. **Incineration of waste on board** a ship - it is forbidden to incinerate waste on a ship.
- 2.20. **Hazardous waste referral** means a document prepared upon transfer of hazardous waste in accordance with the regulation established in §64 subsection 5 of the Waste Act.
- 2.21. **EMDE-** electronic maritime information system (transmission of Estonian maritime documents).
- 2.22. **Eesti Keskkonnateenused AS** – a company providing waste transport services in a port (waste transport service organised by the local government). Receiver and handler of municipal waste (Waste), including mixed municipal waste, plastic waste, plastic packaging, mixed packaging and biodegradable kitchen and canteen waste. Contractor of the port authority for the provision of waste transport services (hereinafter referred to as the provider of refuse collection service in the text).
- 2.23. **MARPOL 73/78** — International Convention on the Prevention of Marine Pollution by Ships of 1973 and the current Protocols and subsequent amendments to that Convention (hereinafter referred to as MARPOL).
- 2.24. **Communications** means a communication on ship-to-ship emissions and cargo waste to be delivered to the port and left on board (hereinafter referred to as in the text: information). The notification shall be prepared and forwarded to the port via the electronic marine information system on the form approved by Regulation No. 78 of the Minister of Economic Affairs and Communications of 29 July 2009 "Organizational requirements for the transfer and reception of ship-generated waste and cargo residues and the procedure for exercising supervision over the reception, transfer, notification and record-keeping of ship-generated waste and cargo residues".

3. References to legislation governing the transfer of ship emissions

- 3.1. Port Act (entered into force on 10 July 2009) § 2, 25, 26,27,28,29.
- 3.2. Waste Act (entered into force on 01 May 2004).
- 3.3. Maritime Safety Act (adopted 12.12.2001) § 78 (1) clause 11

- 3.4. Regulation No. 31 of the Minister of Economic Affairs and Infrastructure of 21.04.2022. 'Requirements for the submission of information on the transfer and reception of shipwreck and the bases for determining the fee for the reception of shipwreck'.
- 3.5. Regulation No. 39 of the Minister of Land and Communications "Statutes of the Electronic Marine Information System".
- 3.6. International Convention on the Prevention of Marine Pollution from Ships (MARPOL 73/78) Annexes I, IV, V and VI.

4. Assessment of the need for port reception equipment taking into account the needs of ships visiting the port

4.1. Number and types of ships visiting the port:

Port of Bekker and Port of Meerus

Year	Ship type	Number of ships	Ship type	Number of ships	Ship type	Number of ships
2019	Cargo ship	298	Fishing vessel	0	Parking ship	131
2020	Cargo ship	233	Fishing vessel	0	Parking ship	123
2021	Cargo ship	189	Fishing vessel	0	Parking ship	112

4.2. Possible types of ship emissions generated by ships visiting the port, which need to be handed over in the port

Port of Bekker

Ship type	Types of ship emissions from ships	Waste code
	Waste (mixed municipal waste)	20 03 01
	Plastic packaging	15 01 02

Bulk carriers, Fishing vessels standing ships etc.		20 01 39
	Biodegradable kitchen and canteen waste (food waste)	20 01 08
	Domestic sewage treatment sediments, municipal waste not mentioned elsewhere in the list	19 08 05 20 03 99
	Bilge water	13 04 02
	Paper and cardboard	20 01 01
	Paint and varnish waste containing organic solvents or other hazardous substances	08 01 11
	Oil filters	16 01 07
	Oil-containing waste (sludge)	16 07 08
	Absorbents contaminated with hazardous substances, cleaning slopes, filter materials (including oil filters not mentioned elsewhere in the list) and protective clothing	15 02 02
	Packaging containing or contaminated with hazardous substances (colour buckets, oil barrels, etc.)	15 01 10
	Luminescent lamps	20 01 21
	Other batteries and accumulators and lead batteries	16 06 06 16 06 01
	Synthetic engine, gear and lubricating oils	13 02 06
	Cargo hold washing water	By distribution code
	Cargo-related waste	By distribution code

Port of Meerus

Ship type	Types of ship emissions from ships	Waste code
Bulk carriers, Fishing vessels standing ships etc.	Waste (mixed municipal waste)	20 03 01
	Plastic packaging, Palsts	15 01 02 20 01 39
	Biodegradable kitchen and canteen waste (food waste)	20 01 08
	Municipal sewage treatment sludge, municipal waste not mentioned elsewhere in the list	19 08 05 20 03 99
	Bilge water	13 04 02
	Paper and cardboard	20 01 01
	Paint and varnish waste containing organic solvents or other hazardous substances	08 01 11
	Oil filters	16 01 07
	Oil-containing waste (sludge)	16 07 08
	Absorbents contaminated with hazardous substances, cleaning slopes, filter materials (including oil filters not	15 02 02

	mentioned elsewhere in the list) and protective clothing	
	Packaging containing or contaminated with hazardous substances (colour buckets, oil barrels, etc.)	15 01 10
	Luminescent lamps	20 01 21
	Other batteries and accumulators and lead batteries	16 06 06 16 06 01
	Synthetic engine, gear and lubricating oils	13 02 06
	Cargo hold washing water	By distribution code
	Cargo-related waste	By distribution code

The table above shows that the range of types of ship emissions/ waste generated by ships and discarded in ports during the activities of ships is rather narrow. In order to organise the reception of the above ship's emissions at the port, waste collection containers (for the collection of various types of ship's emissions in order to avoid mixing) and corresponding reception equipment for the management of liquid waste are required.

4.3. Existing reception equipment and collection containers in the port (port contractual waste receiver OÜ Ekovir, AS Green Marine, OÜ Multilift UV):

- waste collection containers marked with waste codes and names for the collection of waste (mixed municipal waste, food waste, plastic, oily rags, oily absorbents, buckets of paint, batteries, etc.) specified in the table;
- special tankers for the reception and transport (handling) of liquid waste (bilge water, oil mixture waters, oil-containing waste, sewage, etc.) from ships;
- trucks for receiving/transporting various dry cargo waste (if necessary).
- special tank cars for the reception and transport (handling) of liquid waste (bilge water, oil-blended waters (sludge water), oil-containing waste, sewage, etc.) from ships (ownership of the waste management company).

4.4. Taking into account the geographical location, size, needs of the port's users, the number and types of vessels visited by the port (~300 vessels per year) and the fact that no more than 3+ vessels can dock in the port at the same time, the existing reception equipment and waste collection containers are sufficient to ensure that their emissions are handled from the vessels, including reception and collection.

5. Description of the type and capacity of port reception equipment

Type of ship emissions and cargo waste	Reception equipment	Ship emissions and cargo waste receiver (equipment holder)
Waste (mix municipal waste) 200301	Metal collection containers 15m ³ - 1 pcs in meerus port	

	Plastic collection containers 0.8m ³ - 9 pcs in Bekker harbour, 5 pcs in Meerus harbour	LLC Ekovir LLC Multilift UV
Plastic packaging 150102	Metal collection containers 1.5m ³ - 1 pcs Bekker , 1 pcs in Meerus harbour	LLC Ekovir
Pals 200139	Plastic collection containers 0.8m ³ - 1 pc in Bekker harbour, 1 pc in Meerus harbour	LLC Ekovir
Paper and cardboard 200101	Plastic collection containers 0.8m ³ - 1 pc in Bekker harbour, 1 pc in Meerus harbour	LLC Ekovir
Biodegradable kitchen and canteen waste (food waste) 200108	Plastic collection container 0.24m ³ -1 pcs in Bekkri harbour, 1 pc in Meerus harbour	LLC Ekovir
Municipal sewage treatment sludge, municipal waste not mentioned elsewhere in the list 190805, 200399	Tank cars (6-12 m ³) Bekker Harbour, Meerus Harbour	Prescribed equipment and permitting entrepreneur (AS Green Marine, etc.)
Bilge water 130402	Tank cars (12m ³ , 24m ³) Port of Bekker, Port of Meerus	AS Green Marine
Oil-containing waste (sludge) 160708	Tank cars (12m ³ , 24m ³) Port of Bekker, Port of Meerus	AS Green Marine
Synthetic engine, gear and lubricating oils 13 02 06	Tank car 12 m ³	AS Green Marine
Absorbents contaminated with dangerous substances, cleaning cloths, filter materials (including oil filters not elsewhere specified or included) and protective clothing 15 02 02	Plastic collection containers 0.8m ³ - 1 pc in Bekker harbour, 1 pc in Meerus harbour collected at a closed environmental station	AS Green Marine
Packaging containing or contaminated with hazardous substances (colour buckets, oil barrels, etc.) 150110	Plastic collection containers 0.8m ³ - 1 pc in Bekker harbour, 1 pc in Meerus harbour	AS Green Marine
Paint and varnish waste containing organic solvents or other hazardous substances 08 01 11	Waste transferor packaging (canister, barrel), collected closed environmental station	Waste management company
Oil filters 16 01 07	Plastic collection containers 0.8m ³ - 1 pcs in Bekker harbour, 1 pc in Meerus port is collected at a closed environmental station	AS Green Marine

Luminescent lamps 200121	Plastic collection container 0.14m ³ - 1 pcs in Bekker harbour, 1 pc in Meerus port is collected at a closed environmental station	Waste management company
Other batteries and accumulators 16 06 06, 160601	Plastic collection container 9 l – 1 pcs in Bekkrei harbour, 1 pc in Meerus harbour plastic collection container (with lid) 0.3m ³ - 1 pcs Meeruse	AS Green Marine
Cargo-related waste (by distribution code)	Technique adapted for the reception of the corresponding type of waste	Undertaking with the prescribed equipment and permit (transport company, customers (consignee/consignor), waste handler, etc.)

5.1. A diagram of the location of reception equipment has been installed at the port waste disposal site showing the exact locations of collection containers marked with waste codes and names (see annex 2 to this plan)

6. Description of procedures for receiving and collecting ship emissions and cargo waste

6.1. The reception of ship's emissions and cargo waste at the port is organised by the Port Authority and their handling is carried out by waste management companies in a contractual relationship with the port operator, who hold environmental protection permits pursuant to the Waste Act for this activity.

6.2. For the reception, handling and servicing and management of the environmental plant at the waste collection point and for refuse collection services, the port authority has concluded contracts for the provision of the Waste Management Service and waste transport service, according to which:

(a) Waste management company:

- carries out the reception, removal and handling of discharges and cargo waste from ships in the port, except waste;
- having a valid environmental protection permit, serves an environmental plant located in the port (near pier No. 3) and possesses the collection containers in it;
- is obliged to bring the collection point into conformity with the requirements arising from legislation and is responsible for it;
- is responsible for the organisation of proper waste transport (including the transport of hazardous waste);

- is responsible for the organisation of the management of the received ship's emissions and cargo waste, as well as waste reporting related to the collection site and waste management;
- is responsible for the availability of permits necessary for servicing the port;
- ensures that the environmental plant used for waste collection and the collection containers in it are equipped and marked with unambiguous markings (waste names, waste codes);
- undertakes to install and is responsible for its existence in the reception equipment location scheme, which shows the exact locations of the collection containers marked with waste codes and names;
- undertakes to fill in the hazardous waste referral in the database of hazardous waste referrals to the state information system upon receiving hazardous waste and transporting them from the port.

(b) Refuse collection service provider:

- carries out waste transport services in the port (waste transport service organised by the local government);
- Receiver and handler of waste (municipal waste including mixed municipal waste, plastic waste, plastic packaging, mixed packaging and biodegradable kitchen and canteen waste);
- holds a waste transport waste permit organised by the local government
- undertakes to place waste containers in the port, berth no. 3 area, and maintain and repair waste in the port, berth no. 3 area;
- undertakes to transport waste collected in waste containers;
- undertakes to keep a current record of the waste transported from the territory of the port during the accounting calendar year and to submit a report on waste-related activities to the harbour master.

6.2.1. The contract for the provision of waste management services (No. 1136556) has been concluded for the collection, processing, handling, receiving and removal of ship's waste, cargo waste and hazardous waste arising in the port (also the management of the waste collection point and the environmental plant) and other waste by OÜ Ekovir. The contract is not subject to disclosure by third parties and the requirement of confidentiality provided for therein does not apply to persons to whom the obligation to disclose information arises from legislation. In doing so, such persons do not have the right to share the information provided for in the agreement with third parties.

6.3. The master of the ship is obliged to hand over all ship's emissions and cargo waste before leaving the port.

6.3.1. Ship emissions and cargo waste may be omitted in port if:

- (a) According to MARPOL, transfer is not required;
- (b) the ship shall have a written agreement with the holder of the next port of call to accept this type of cargo waste in that port;

- (c) the new cargo is the same substance/cargo as the previous cargo;
- (d) It is clear from the information provided in the information that the existing ship emissions repositories are sufficient to accommodate ship's emissions that have already accumulated and accumulated during the planned voyage until they reach the port of delivery, unless:
 - (i) in the case of a storage facility with a capacity of more than 10 m³, its occupancy rate before leaving the port shall be more than 25%;
 - (ii) the port of transfer of ship emissions or the port of destination is not known;
 - (iii) there is reason to believe that the planned port of delivery does not have sufficient reception equipment and that information has been provided to the ship;
 - (iv) it is litter collected for transfer, with the exception of food waste;
 - (v) these are environmentally hazardous chemicals of categories X and Y originating in the pre-washing of traction tanks, except in the cases described in Rule 16(6) and (7) of Rule II of annex II to the Marpol Annex.

6.4. The reception of ship emissions and cargo waste at the port shall be carried out on the basis of a notice (information) submitted by the ship's master or the ship's agent

6.5. Information on the types and quantities of ship's emissions and cargo waste to be delivered at the port and left on board the ship shall be transmitted via EMDE (in the event of emde failure in other possible ways) before the ship arrives at the port (see Annex 3 on the notification form). This information shall be communicated to:

- (a) at least 24 hours before arrival at the port;
- (b) immediately upon becoming clear of the port of call, if this information is available less than 24 hours before arrival at the port of call;
- (c) at the latest upon departure from the previous port of call if the journey to the next port takes less than 24 hours.

6.5.1. If the notice has not been forwarded in advance, the ship's representative will forward the notice to the exchangeivist on weekends (Saturday, Sunday) and public holidays (contact details: phone: +372 6307 932; e-mail: stividor@tallinnbekkerport.com).

6.5.2. It is not mandatory to forward the notification to recreational craft arriving at the port and fishing vessels fishing in estonia's exclusive economic zone.

6.5.3. If the quantities of ship's emissions and cargo waste actually delivered differ from the information transmitted before the ship enters the port, the ship's master or agent shall make corrections to that effect in the information or an act is actually drawn up on the ship's emissions and cargo waste transferred. The correctness of the corrections in the information shall be confirmed by the master of the ship with his signature, indicating the date and time of making the corrections

6.5.4. If the ship does not provide information (notification) or does not hand over ship emissions and cargo waste, or if other violations of the requirements for the

transfer of ship emissions and cargo waste are detected on board the ship or there is a suspicion that these requirements are being violated, the port authority shall notify the Environmental Board of the violation of the violation

6.6. Transfer, reception of solid ship emissions

- 6.6.1. Upon arrival at the port, during the ship's standstill in the port, the vessel, including the fishing vessel (crew member/crew members designated by the master) shall place the solid ship emissions transmitted in the information in the collection containers at the port's waste collection point, avoiding mixing of different types of emissions. Hazardous waste to be transferred:
- 6.6.2. Oily rags/absorbents, packaging containing or contaminated with hazardous substances, batteries, batteries, luminescent lamps and other hazardous waste shall be placed (collected) at an environmental plant at the collection point, in which the collection containers are marked with waste codes and names;
- 6.6.3. The operations of transfer and receipt of ship's waste are coordinated by the exchange stevedor, who, incl. assesses the quantities of emissions received and carries out control, from the correct arrangement of emissions. The reception of ship waste is 24 hours a day (24 h) and seven (7) days a week.
- 6.6.4. The operations of the transfer and receipt of ship emissions are coordinated by the exchange stevedor, who, incl. assesses the quantities of emissions received and carries out checks on the correct arrangement of emissions.
- 6.6.5. The emptying and removal of collection containers is carried out by the refuse collection service provider on a fixed schedule and by the waste management company upon filling the collection containers at the environmental station (order letter/notice of the harbour master).

6.7. Transfer, reception of liquid ship emissions and cargo waste

- 6.7.1. Bilge water from the machinery space to be given away from ships, oily waste (sludge) from the machinery space (tank) and the transfer and removal of used engine oil are ordered by the ship's agent. By entering information on the quantities of liquid ship emissions to be delivered in the port, the system automatically generates and transmits to the waste management company a notification of the need for the service, the type and quantity of emissions. The tariff of the waste fee according to Port regulations clause 4.15.5 specified in the 4.15.1 will cover, among others the reception of up to 6 m³ ship's engine room bilge water (130402) or oil waste (sludge) (160708) per one call of the Port. In case the ship hands over more than 6 m³ of the above mentioned waste at the Port, ship's master (ship owner) will pay for handling over the said quantity in the sum of actual expenses on waste handling).
- 6.7.2. The transfer of other liquid waste, including cargo waste, garbage (cooking oil, paint), sediment (from tanks), sewage, washing water from oil and oily and similar tanks, ballast water, washing water from the cargo hold, etc. not given away for a waste fee, shall be organised by the port authority on the basis of

information received from the ship's agent. The waste is received from the ship by a waste management company holding a corresponding environmental protection permit. The reception of ship waste is 24 hours a day (24 hours) and seven (7) days a week.

6.7.3. The process of the transfer/receipt of liquid ship emissions and cargo waste must be strictly agreed action by the tank car driver and the ship's representative. It is essential to avoid pollution of the territory or waters of the port during the operation due to possible over-pumping or for some other reason. In the event of pollution on the quay or the waters of the port, the activities are immediately suspended and immediately begin to liquidate it. The transfer / reception of liquid ship waste takes place at the berths of cargo handling ports. In the port of Bekker on berths No. 1 and No. 4. In the port of Meeruse on berths No. 5 and No. 11.

6.8. Transfer, receipt of cargo waste

6.8.1. The residues of cargo in the cargo spaces of the ship, which remain after the unloading of the goods and in the port (berths) at the end of the ship's loading, unloading and cleaning operations, including the residues of loading and unloading, are collected on the berths and handed over to the customer (consignee/consignor) or the customer's waste handler

6.8.2. The operations of the collection, reception and transfer of cargo waste are coordinated by the exchange Stividor.

6.9. **Exceptional waste (radioactive waste, infectious waste)** is received from ships on the basis of a notice only with the written permission of the Northern Service of the Health Board or the Sanitary Quarantine Service and is handled in accordance with the precept.

6.10. **The transfer and reception of cargo-related waste** shall be organised by the port authority on the basis of information received from the ship's agent. Waste is received from the ship by a waste management company. Operations are coordinated and organised by the harbour master stividor

7. Description of pre-handling equipment and processes

6.11. Pre-treatment of ship emissions and cargo waste is not carried out.

8. Description of the system of charges for the collection of ship emissions and cargo waste

8.1. A waste charge has been imposed on ships for the reception, collection and handling of ship emissions at the port.

8.2. The waste fee is calculated: 0.02 EUR x GT units (the tariff does not include VAT).

- 8.3. When establishing the fee rate of the waste fee and charging the fee, the following is taken into account:
- the fee charged for the reception of ship emissions covers the costs of handling the port's marine emissions and reflects the direct costs of existing and usable equipment and services related to waste management;
 - the rate of remuneration is not differentiated depending on the type of waste;
 - the fee rate does not include the reception of cargo waste at the port;
 - when charging the fee, preferences are not set for waste handlers and the principles of charging the fee are non-discriminatory;
 - for a waste fee, up to 06 m³ of bilge water (13 04 02) or oil waste (sediment) (16 07 08) is accepted from the ship for one port call. If a ship gives away more than 06 m³ of the aforementioned waste in a port, the port authority shall charge an additional fee for the handling of these quantities in the amount actually spent on the handling of the waste
- 8.4. The waste fee is paid to the current account of OÜ Tallinna Bekkeri Sadam in the currency or other currency valid in Estonia, according to the Eesti Pank rate valid on the day the ship leaves the port.
- 8.5. At the port call, the waste fee is required to be paid once by all ships visiting the port, regardless of whether the waste is given away in the port or not, except:
- ships which have come to port only for the landing of the sick, the victims of a marine casualty or the dead, if their standing time in the port does not exceed 24 hours;
 - if the Transport Administration has granted the ship an exemption on the basis of subsection 29 (1) of the Port Act and the ship does not hand over ship's emissions and cargo waste in the port.
 - ships used in the construction and reconstruction of the port;
 - research vessels participating in the programmes of learning and international cooperation (in the decision-making process of the port administration);
 - ships carrying out loading and unloading operations in raids;
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- 8.6. If the waste charge paid by the ship does not cover all the costs of receiving ship emissions from the ship, the uncovered part of the port authority's costs may be covered by an additional charge based on the type and quantity of ship emissions actually delivered by the ship, the rate of which shall be established on a cost-by-cost basis. The exact terms and procedures of the surcharge shall be agreed separately with the representative of the ship.
- 8.7. If the waste fee paid by the ship does not cover all the costs of receiving ship emissions from the ship, the ship's master (shipowner) shall pay the uncovered part of the costs.
- 8.8. The waste fee tariff set out in clause 8.2 covers, among other things, the reception of bilge water (130402) or oil waste (sediments) (160708) in the machinery space of the ship per port call. If the ship gives away more than 6 m³ of the aforementioned waste

in the port, the master of the ship (the shipowner) shall pay over the amount actually spent on handling the waste for handling this quantity.

- 8.9. The waste fee tariff does not include the reception of cargo waste at the port. The transfer and receipt of cargo-related waste shall be organised by the port authority on the basis of information received from the agent (the notice submitted to EMDE must reflect the type and quantity of cargo waste to be delivered). Waste is received from the ship by a waste management company. The operation is coordinated and organized by the exchange stevedor.
- 8.10. The reception fee for exceptional waste (radioactive waste, infectious waste) is determined separately on the basis of each specific calculation.
- 8.11. The agents of the ships (agencies) will be informed of the change in the rate (s) of the waste fee and the relevant information will be provided on the port's rules and port website (www.tallinnbekkerport.com).
- 8.12. In the case of unauthorised storage, concealment or throwing of waste into the water, the offender is obliged to compensate for the damage caused by the offender, as well as to pay the costs incurred by the port authority for collecting, transporting, transferring the waste to the waste handler and other possible costs that may arise in connection with the handling of such waste.

9. Procedure for reporting deficiencies in port reception equipment

- 9.1. If the port authority is unable to organise the reception of ship's emissions and cargo waste due to insufficient reception equipment, or if temporary restrictions or deficiencies have arisen or foreseen in the reception of ship's emissions and cargo waste, the Port Captain's Office shall inform the captains or agents (representatives of ships) of the ships arriving at the port. The relevant information is forwarded to the port's clientele by e-mail and on the port's website (www.tallinnbekkerport.com).
- 9.1.1. The port authority will rectify the deficiencies as soon as possible.
- 9.1.2. The master of the ship is obliged to notify the Environmental Board and the Transport Administration in writing of the alleged deficiencies in the port reception equipment (Annex No. 6).

10. Organisation of information exchange between the port operator, waste handlers of port users and other persons involved in the waste management of the port

- 10.1. The captains of ships visited the port receive information on the transfer, handling and charging system of ship emissions and cargo waste through ship agencies (agents).

- 10.2. Ship agencies (including agents) shall be informed of the procedure for handling ship emissions and cargo waste at the port and this plan shall be presented before the initial provision of port services in the port. Information on waste management in the port is also reflected in the port code clause 4.15 and its annex 5. Ship agencies (agents) operating in the port will also be informed/introduced of this plan immediately after the entry into force of the plan (approval by the Environmental Board).
- 10.3. The agent (the representative of the ship) has the right to request and receive additional information about the order for the disposal of ship emissions and cargo waste in the port from the Port Master's Office
- 10.3.1. The agent is obliged to inform the ship's captain:
- the fact that the ship is obliged to give away all ship emissions at the port;
 - the fact that the notification must be communicated in a timely manner, filled in correctly and that the data transmitted therein is true;
 - a list of ship's emissions and cargo waste to be received in port and that separate collection of ship emissions and cargo waste has been established in the port in order to avoid mixing of different types of ship emissions;
 - the location of the port reception facilities;
 - a list of port contact persons, waste handlers and services provided (see this plan p14, Annex 8);
 - the port from the description of the procedures for the transfer of ship emissions and cargo waste;
 - a description of the port's system of charges for ship emissions and cargo waste;
 - the procedure for reporting deficiencies in the port reception equipment.
- 10.4. The organisation of the exchange of information between port users, waste handlers and other interested parties is carried out through service contracts, www.tallinnbekkerport.com of the port's website and customer satisfaction surveys.
- 10.5. The waste management company(s) in contractual relations with the port shall be informed of the provisions of this plan and, if necessary, additions and amendments to the contracts shall be made.
- 10.6. This plan will be submitted to the Environmental Protection Agency for approval. This will also be the case with subsequent changes.

11.Types and quantities of ship emissions acceptable and handled in port

- 11.1. Records and quantities of ship emissions taken from ships in ports shall be kept on the basis of (entered) information provided (entered) in EMDE and on the basis of other documents/waybills certifying the reception of ship emissions.
- 11.2. Between 01.01.2019 and 31 December 2019 On 12.2021, 1,152 ships visited the ports of Bekker-Meerus.

In this timeframe, the following quantities and types of ship emissions had been received and handled from ships (see Table):

Port of Bekker and Port of Meerus

Waste code	Ships types of ship emissions	QUANTITIES (tonnes)		
		2019	2020	2021
20 03 01 20 01 39 15 01 02 20 01 08	Waste (mixed municipal waste) plastic, plastic packaging, biodegradable kitchen and canteen waste (food waste)	24,42	26,05	21,13
19 08 05 20 03 99	Municipal sewage treatment sludge, municipal waste not mentioned elsewhere in the list	0	0	0
16 06 06 16 06 01	Other batteries and accumulators and lead batteries	0	0	0
200101	Paper and cardboard	0	0,25	0,07
13 02 06	Synthetic engine, gear and lubricating oils	0	0	0,8
13 04 02	Bilge water	42,75	26,9	39,0
16 07 08	Oil-containing waste (sludge)	86,87	158,02	142,89
08 01 11	Paint and varnish waste containing organic solvents or other hazardous substances	0	0	0
15 01 10	Packaging containing or contaminated with hazardous substances (colour buckets, oil barrels, etc.)	0	0	0
200121	Luminescent lamps and more	0,55	0,55	0
17 09 04	Construction and demolition debris not mentioned with code numbers 17 09 01, 17 09 02 and 17 09 03	106.80	95.40	101.20
150202	Absorbents contaminated with dangerous substances, cleaning cloths, filter materials (including oil filters not elsewhere specified or included) and protective clothing	0,15	1,25	0,18
160107	Oil filters	0,10	0	0
Distribution code basis	Cargo-related waste	0	0	0

12. Description of acceptable methods indicating the amount of ship emissions and cargo waste

- 12.1. The masters (agents) of all ships are obliged to submit a notification before arriving at the port of EMDE regarding the type and quantity of ship emissions to be delivered at the port of EMDE (see clauses 6.3, 6.4 of this plan).
- 12.2. If the quantities of ship's emissions and cargo waste actually delivered differ from the information transmitted before the ship enters the port, the ship's master or agent shall make corrections to that effect in the information or an act is actually drawn up on the ship's emissions and cargo waste transferred. The correctness of the corrections in the information shall be confirmed by the master of the ship with his signature, indicating the date and time of making the corrections.
- 12.3. Information on the quantities of ship's emissions and cargo waste from ships in the port is entered in EMDE, through which the quantities of emissions transferred/received are forwarded to the Environmental Board and the Transport Administration on the basis of ships.
- 12.4. The reporting of emissions and cargo waste received from ships is coordinated and related administration and the movement of information with local services and environmental authorities is organised in the port by the harbour master, who:
- 12.5. carries out port inspections and records of data entered/transmitted to EMDE by ship and type of ship emissions and cargo waste;
- 12.6. manages the management documents for bilge water, oil-containing waste (sludge), wastewater, hazardous waste received from ships (waste, notices, etc.);
- 12.7. Waste reporting on shipwrecks and cargo waste received from ships in a port shall be maintained by the waste management company carrying out the reception and handling and the refuse collection service provider, which:
- 12.8. keep a current record of this;
- 12.9. prepares and submits a report pursuant to § 117 of the Waste Act on ship's emissions and cargo waste received in the port during the calendar year.

13. Summary of the legislation and procedures governing the blazing of ship emissions

LEGISLATION (REQUIREMENTS)	SUMMARY OF PROCEDURES
Port Law <ul style="list-style-type: none">The basis for the introduction of the plan	<ul style="list-style-type: none">The Port has a "Plan for the Reception and Handling of Ship Emissions and Cargo Waste", which fully complies with the requirements of § 26 of the Port Act

<ul style="list-style-type: none"> • organisation of the reception and transfer of ship's emissions and cargo waste from ships • plan for the reception and management of ship emissions and cargo waste • reporting and keeping records of ship emissions and cargo waste • In the port of Tasu for receiving shipwrecks and cargo waste. 	<ul style="list-style-type: none"> • The waste charge for the reception of ship emissions and the basis for calculating it are understandable and disclosed to port users. • In Adam, the reception of ship emissions and cargo waste from ships served by the port • The port itself does not deal directly with the reception and waste management of ship emissions and cargo waste. These activities are delegated to contract partners • the notification and record-keeping of ship emissions and cargo waste is organised on a statutory basis
<p>Regulation No. 31 of the Minister of Economic Affairs and Infrastructure of 21.04.2022 "Requirements for submission of information concerning the transfer and receipt of ship waste and the bases for determining the fee for the reception of ship waste"</p> <ul style="list-style-type: none"> • Obligation to notify of the transfer of ship's waste and cargo waste, Notice form • Port reception equipment deficiencies notification form • Environmental resistance permit for the recipient of ship's waste and cargo waste • V report on waste and cargo waste of the vessel taken up • Tnotification of the procedure for receiving ship waste and cargo waste • Classification of shipwaste and cargo waste • The form of the act of receiving ship waste. 	<ul style="list-style-type: none"> • The plan includes organisational requirements for the notification, transfer and reception of ship's waste and cargo waste • The plan includes a notice ofship waste and cargo waste to be delivered to the port of call and a ship's waste, and a form for the act on the acceptance of ship emissions • The plan includes a form for reporting deficiencies in port reception facilities • The recipient (s) of ship's waste and cargo waste have an environmental permit, handling licence and registration certificate pursuant to the Waste Act (if they are necessary for the provision of these services) • The classification of waste is reflected in the plan.
<p>Regulation No. 78 of the Minister of Economic Affairs and Communications of 29 July 2009 "Organisational requirements for the transfer and receipt of ship emissions and cargo waste"</p> <ul style="list-style-type: none"> • Obligation to notify of the transfer of ship emissions and cargo waste, Notification form 	<ul style="list-style-type: none"> • The plan includes organisational requirements for the notification, transfer and reception of ship emissions and cargo waste • The plan includes a form of the ship's emissions and cargo waste notice to be delivered to the port of call and the ship's waste, as well as the act on the reception of ship emissions

<ul style="list-style-type: none"> • Port reception equipment deficiencies notification form • Environmental resistance permit for the recipient of ship emissions and cargo waste • Report on woven ship emissions and cargo waste • Reporting on the procedure for receiving ship's emissions and cargo waste • Classification of ship emissions and cargo waste • Form of the Act on the Reception of Ship Emissions. 	<ul style="list-style-type: none"> • The plan includes a form for reporting deficiencies in port reception facilities • The recipient (s) of ship emissions and cargo waste have an environmental permit, handling licence and registration certificate pursuant to the Waste Act (if necessary for the provision of such services) • The classification of waste is reflected in the plan
<p>Waste Law</p> <ul style="list-style-type: none"> • General requirements for waste management • General requirements for the prevention of waste generation and the resulting health and environmental risks • Environmental protection permit • Waste registration • Waste permit for waste transport organised by the local government • Waste reporting 	<ul style="list-style-type: none"> • The plan includes separate collection and transfer requirements for ship emissions and cargo waste • the reception and handling of ship's emissions and cargo waste is organised in accordance with the requirements arising from law • The keeper of Adam is a waste intermediary and does not deal directly with waste management himself • The owner of the Port does not have the obligation to have an environmental protection permit of the waste handler in the organisation of the activities of the port • The port does not carry out the service of receiving ship's emissions and cargo waste and further processing after collection (carrying out recovery and disposal operations). These operations are carried out by a waste management company and a refuse collection service provider who hold environmental protection permits pursuant to the Waste Act and a registration in the field of waste (if they are necessary for the provision of such services) • Jäätme handler's permits meet legal requirements • Jäätme reporting is carried out in accordance with the requirements of the legislation.

Maritime Safety Act	<ul style="list-style-type: none"> Subsection 78 (1) 11) of the MSA the supervisory official of the Transport Administration may prohibit a ship from leaving the port if environmental safety requirements are violated, including the requirements for the transfer of ship waste (entered into force on 09.06.2013).
<p>Regulation No. 70 of the Minister of the Environment of 14.12.2015 "Procedure for classification of waste and waste management"</p> <ul style="list-style-type: none"> waste list section codes and the basis for determining the code numbers of the waste 	<ul style="list-style-type: none"> The plan sets out the bases for classifying ship emissions and cargo waste and determining waste codes.
<p>Regulation No. 39 of the Minister of Economic Affairs and Communications "Statutes of the Electronic Marine Information System"</p>	<ul style="list-style-type: none"> The plan includes procedures for the transfer of ship emissions and cargo waste data to EMDE.
<p>Annexes I, IV, V and VI of the International Convention on the Prevention of Marine Pollution caused by ships (MARPOL 73/78), as amended by the 1978 Protocol of 1978, as amended by the Protocol of 1978, and the protocols in force to that Convention.</p>	<p>The MARPOL Convention requires the Parties to ensure that they ensure that suitable reception equipment in ports, e.g. waste water (faecal water).</p>

14.Contact details of the person or persons responsible for the implementation of the scheme

14.1. Port Captain Gunnar Kellamov is responsible for the implementation of the plan at the port. Contact: Phone +372 5692 1417 email: gunnar@tallinnbekkerport.com

14.1.1. All persons working in the port, operating undertakings, service providers, including employees of the port security company, are obliged to notify the port master's service of the violation of the requirements set out in this Plan.

15. Description of the methods indicating the actual use of port reception equipment

- 15.1. The reception of ship emissions and cargo waste at the port is carried out by the company that has concluded the service contract of OÜ Tallinna Bekkeri Sadam (e.g. OÜ Ekovir jn), which owns the existing reception equipment and collection containers in the port in the quantity specified in clause 5 of this plan. Settlements between the port authority and the company providing ship emissions and cargo waste management services (AS Green Marine, OÜ Ekovir, OÜ Multilift UV) are settled on an invoice-based basis, which reflects the actual use of port reception equipment.

16. Description of further processing of ship emissions

- 16.1. The port authority shall not carry out further processing following the collection of ship's emissions. The reception of ship emissions and cargo waste at the port is carried out by The Port of Tallinn Bekkeri Sadam OÜ, a company that has concluded a service contract for this purpose (e.g. AS Green Marine) or a company holding the equipment and activity licence (license) prescribed for this purpose, which also ensures the further processing of ship emissions in accordance with the legislation in force.

(Annex 1) NOTICE TO PORT OF CALL

INFORMATION TO BE NOTIFIED INTO THE PORT OF CALL

Port of call / Port of call .

1.Ship name, call sign and, if necessary, IMO number / Name, call sign and, where appropriate, IMO identification number of the ship:

2.Flag State / Flag State:

3.Estimated time of arrival / Estimated time of arrival (ETA):

4.Estimated time of departure / Estimated time of departure (ETD):

5.Previous port of call / Previous port of call:

6.Next port of call / Next port of call:

7.Last ship emissions and cargo waste transfer (port and date) / Last port and date when ship-generated waste was delivered:

8.Is the port handing over waste (tick appropriate box):

all / all ___ osa / some ___ not given / none ___ ship waste / of your waste into port reception facilities?

9. The type and quantity of waste and residues to be transferred and/or on board and the percentage occupancy of the storage facility of the ship concerned / Type and amount of waste and residues to be delivered and/or remaining on board, and percentage of maximum storage capacity:

When all ship emissions are handed over, the second and final column / If delivering all waste, complete second and the last column as appropriate, respectively must be filled in.

If a portion is handed over or ship emissions are not handed over, then all columns / If delivering some or no waste, complete all columns must be filled in.

Type of ship emissions and cargo waste	Emissions to be delivered (m3) / Waste to be delivered (m3)	Maximum repository capacity (m3) / Maximum dedicated storage capacity (m3)	Type Volume of emissions from ship (m3) / Amount of waste retained on board (m3) / occupancy (%) / used, %	Port where ship's remaining emissions are delivered / Port at which remaining waste will be delivered	Estimated amount of waste to be generated between notification and next port (m3) / Estimated amount of waste to be generated between notification and next port of call (m3) / expected occupancy, % / estimated use, %	Emissions delivered at the last port of transfer referred to in point 7 above (m3) / Waste that has been delivered at the last port of delivery identified under point 7 above (m3)
1. Waste containing oil, petroleum products and oil (MARPOL Annex I) / Waste oils (MARPOL Annex I)						
1.1. Sediments / Sludge						
1.2. Bilge water / Bilge water						
1.3. Used engine oil / Used engine oil						
1.4. Other / Other (specify / specify)						
2. Garbage (MARPOL Lisa V) / Garbage (MARPOL Annex V)						
2.1. Food waste / Food waste (indicate in case when collected and handed over sorted / mark only if you have collected and will discharge separately)						
2.2. Mixed municipal waste / Mixed						

domestic waste						
2.3. Cooking oil / Cooking oil						
2.4. Other recyclable waste and packaging waste / Other recyclable waste						
2.4.1. Plastic / Plastic						
2.4.2. Paper and cardboard / Paper						
2.4.3. Rags / Rags						
2.4.4. Glass / Glass						
2.4.5. Bottles / Bottles						
2.4.6. Metal and metal packaging / Metal and tin						
2.4.7. Wooden pallets and other wooden parts / Pallets and other waste timber						
2.4.8. Earthenware / Crockery						
2.5. Hazardous waste (e.g. medical waste, oily rags, paints, cans, batteries, toners) / Other special items (e.g. medical waste, oily rags, paint, cans, batteries, print cartridges, etc.) (specify / specify)						
2.6. Electrical and electronic equipment waste						
2.7. International Food Waste / International Catering Waste						
2.8. Burn ash / Incinerator ashes						
2.9. Animal carcasses / Animal carcasses						

2.10 Ship deck and exterior washing water containing detergents or additives harmful to the marine environment / Deck and external surfaces wash water containing cleaning agents or additives harmful to the marine environment						
2.11. Outdated pyrotechnics / Dated pyrotechnics						
2.12. Other / Other (specify / specify)						
3. Wastewater (MARPOL Annex IV) / Sewage (MARPOL Annex IV)						
3.1. Wastewater / Sewage**						
4. Cargo-related waste (MARPOL Annex V) / Cargo associated waste (MARPOL Annex V)						
4.1. Packing wood, covering or packaging material / Dunnage, lining or packing material						
4.2. Other / Other (specify / specify)						
5. Cargo waste (MARPOL Annexes I, II and V) / Cargo residues (MARPOL Annexes I, II and V)						
5.1. MARPOL Annex I / MARPOL Annex I						
5.1.1. Washing oily and oily pliers (slops) / Oily tank washings						

5.1.2. Black ballast water / Oily (dirty) ballast water						
5.1.3. Limescale and sediment from filling the tank / Scale and sludge from tank cleaning						
5.1.4. Other / Other (specify / specify)						
5.2. MARPOL Annex II / MARPOL Annex II						
5.2.1. Washing water containing harmful cargo waste: Substance of categories X, Y, Z or OS / Washing waters containing noxious cargo residues: specify in category X, Y, Z, OS:						
5.2.2. Ballast water containing harmful cargo waste: Substance of categories X, Y, Z or OS / Ballast waters containing noxious cargo residues: specify in category X, Y, Z, OS:						
5.2.3. Other / Other (specify / specify)						
5.3. MARPOL Annex V / MARPOL Annex V						
5.3.1. Cargo hold washing water containing residues and or cleaning agents or additives harmful to the marine environment / Cargo hold washing water containing residues						

and or cleaning agents or additives harmful to the marine environment						
5.3.2. Cargo hold washing water containing residues and or cleaning agents or additives not harmful to the marine environment / Cargo hold washing water containing residues and or cleaning agents or additives not harmful to the marine environment						
5.3.3. Dry cargo waste harmful to the marine environment / Dry cargo residues harmful to the marine environment						
5.3.4. Dry cargo residues not harmful to the marine environment / Dry cargo residues not harmful to the marine environment						
5.3.5. Other / Other (specify / specify)						
6. MARPOL Annex VI related / Annex VI related						
6.1. Ozone-depleting substances and equipment containing such substances from the ship's fire extinguishing system / Ozone-depleting substances and						

equipment containing such substances						
6.2. Waste from exhaust gas treatment plants / Exhaust gas-cleaning residues						

* May be estimates** Marpol 73/78 Under Rule 11 of Annex IV to Marpol 73/78, sewage can be discharged at sea. The relevant compartments need not be filled if sewage is to be discharged at sea and authorisation is available.

Sewage may be discharged at sea in accordance with Regulation 11 of Annex IV of MARPOL 73/78. The corresponding boxes do not need to be completed if it is the intention to make an authorised discharge at sea.

I confirm with the signature (captain) / I, (master), confirm that:-the data provided are true and correct and -the above details are accurate and correct and -ship has sufficient storage capacity from notification to the next port of call to accommodate expected ship emissions and cargo waste -there is sufficient dedicated onboard capacity to store all waste generated between notification and the next port at which waste will be delivered.

Date / Date Clock time / Time

Captain / Master . (signature / signature)

(Appendix 2) DIAGRAM OF THE LOCATION OF SHIP EMISSIONS COLLECTION CONTAINERS



Connecting nozzles are required when pumping:	
Time of arrival of the ship:	
Ship departure time:	
Recommended waste disposal time:	
Contact person and telephone on the ship's side:	
The language of the ship's crew:	

List of waste to be given:

Waste code:	
Type of waste (name):	
Amount of waste:	
Risk of waste freezing Yes/no:	
Waste code:	
Type of waste (name):	
Amount of waste:	
Risk of waste freezing Yes/no:	

(Annex 4) NOTICE OF TRANSFER/ACCEPTANCE OF ENVIRONMENTALLY HAZARDOUS SUBSTANCES

Date	
Time	
Ship's name	
Ship Agency/Agent Name	
Liquid waste received NAME	
Received liquid waste quantity (m3, t)	
Waste code	
Contracting authority	
Residual water receiver	
Where residual waters are transferred	
Fuel/oil manufacturer	
Car Number 1.	

I confirm the correctness of the data with a signature

.....
/name and signature/

(Annex 5) NOTIFICATION OF THE RECEPTION OF WASTE WATER (FECAL WATER)

LAEVAHEITMETE VASTUVÕTMISE AKT / WASTE DELIVERY RECEIPT

1. LAEVA, VASTUVÕTUSEADMETE JA SADAMA ANDMED / SHIP, RECEPTION FACILITY AND PORT PARTICULARS

1.11 Laeva nimi: Name of ship:	
1.2 Sadama nimi ja kai number: Name of port, number of berth:	
1.3 Vastuvõtuseadmete haldaja(d): Reception facility provider(s):	
1.4 Heitmete üleandmise kuupäev ja kellaeg, algus: Waste Discharge Date and Time from:	lõpp: to

2. VASTU VÕETUD HEITMETE LIIK JA KOGUS / TYPE AND AMOUNT OF WASTE RECEIVED

Laevaheitmete ja lastijäätmete liik/ Type	Üleantud heitmed, m ³ / Waste delivered, m ³
1. Naftat, naftasaadusi ning õli sisaldavad jäätmed (MARPOL Lisa I) / Waste oils (MARPOL Annex I)	
1.1. Setted / Sludge	
1.2. Pilsivesi / Bilge water	
1.3. Kasutatud mootoriõli / Used engine oil	
1.4. Muud / Other (täpsustada / specify)	
2. Prügi (MARPOL Lisa V) / Garbage (MARPOL Annex V)	
2.1. Toidujäätmed / Food waste (märkida juhul, kui on kogutud ja antakse üle sorteeritult / mark only if you have collected and will discharge separately)	
2.2. Segaalmejäätmed / Mixed domestic waste	
2.3. Toiduõli / Cooking oil	
2.4. Muud taaskasutatavad jäätmed ja pakendijäätmed / Other recycable waste	
2.4.1. Plast / Plastic	
2.4.2. Paber ja papp / Paper	
2.4.3. Kalsud / Rags	
2.4.4. Klaas / Glass	
2.4.5. Pudelid / Bottles	
2.4.6. Metall ja metallpakendid / Metal and tin	
2.4.7. Puitlused ja muud puitdetailid / Pallets and other waste timber	
2.4.8. Savinõud / Crockery	
2.5. Ohtlikud jäätmed (nt meditsiinilised jäätmed, õlised kalsud, värv,	

purgid, akud, toonerid) / Other special items (e.g. medical waste, oily rags, paint, cans, batteries, print cartridges, etc.) (täpsustada / specify)	
2.6. Elektri- ja elektroonikaseadmed / Electrical and electronic equipment waste	
2.7. Rahvusvahelised toidujäätmed / International catering waste	
2.8. Põletustuhk / Incinerator ashes	
2.9. Loomakorjused / Animal carcasses	
2.10 Laevateki ja välispinna pesuvesi, mis sisaldab merekeskkonnale kahjulikke puhastusvahendeid või lisaaineid / Deck and external surfaces wash water containing cleaning agents or additives harmful to the marine environment	
2.11. Aegunud pürotehnika / Dated pyrotechnics	
2.12. Muud / Other (täpsustada / specify)	
3. Reovesi (MARPOL Lisa IV) / Sewage (MARPOL Annex IV)	
3.1. Reovesi / Sewage**	
4. Lastiga seotud jäätmed (MARPOL Lisa V) / Cargo associated waste (MARPOL Annex V)	
4.1. Pakkimispuit, kate- või pakkematerjal / Dunnage, lining or packing material	
4.2. Muud / Other (täpsustada / specify)	
5. Lastijäätmed (MARPOL Lisad I, II ja V) / Cargo residues (MARPOL Annexes I, II and V)	
5.1. MARPOL Lisa I / MARPOL Annex I	
5.1.1. Naftase ja õlise tangi pesemine (slops) / Oily tank washings	
5.1.2. Must ballastvesi / Oily (dirty) ballast water	
5.1.3 Katlakivi ja setted tangi pesemisest / Scale and sludge from tank cleaning	
5.1.4 Muud / Other (täpsustada / specify)	
5.2. MARPOL Lisa II / MARPOL Annex II	
5.2.1. Pesuvesi, mis sisaldab kahjulikke lastijäätmeid: X, Y, Z või OS kategooria aine / Washing waters containing noxious cargo residues: specify in category X, Y, Z, OS:	
5.2.2. Ballastvesi, mis sisaldab kahjulikke lastijäätmeid: X, Y, Z või OS kategooria aine / Ballast waters containing noxious cargo residues: specify in category X, Y, Z, OS:	
5.2.3. Muud / Other (täpsustada / specify)	
5.3 MARPOL Lisa V / MARPOL Annex V	
5.3.1. Lastiruumi pesuvesi, mis sisaldab jäätmeid ja/või merekeskkonnale kahjulikke puhastusvahendeid või lisaaineid / Cargo hold washing water containing residues and or cleaning agents or additives harmful to the marine environment	
5.3.2. Lastiruumi pesuvesi, mis sisaldab jäätmeid ja/või merekeskkonnale mittekahjulikke puhastusvahendeid või lisaaineid / Cargo hold washing water containing residues and or cleaning agents or additives not harmful to the marine environment	
5.3.3. Merekeskkonnale kahjulikud kuivlastijäätmed / Dry cargo residues harmful to the marine environment	
5.3.4. Merekeskkonnale mittekahjulikud kuivlastijäätmed / Dry cargo residues not harmful to the marine environment	
5.3.5. Muud / Other (täpsustada / specify)	
6. MARPOL Lisa VI seonduv / Annex VI related	

6.1. Laevade tulekustutussüsteemidest pärinevad osoonikihti kahandavad ained / Ozone-depleting substances and equipment containing such substances	
6.2. Heitgaaside puhastusseadmete jäätmed / Exhaust gas-cleaning residues	

ÜLEANDJA / <i>DELIVERED BY</i>	VASTUVÕTJA / <i>RECEIVED BY</i>	MÄRKUSED/ <i>NOTES</i>
Nimi, allkiri, laeva tempel (<i>Name, signature, vessel's stamp</i>)	Nimi, allkiri (<i>Name, signature</i>)	

(Annex 6) FORM FOR REPORTING ALLEGED DEFICIENCIES IN SADAMA RECEPTION EQUIPMENT

FORM FOR REPORTING ALLEGED INADEQUACIES OF PORT RECEPTION EQUIPMENT

1. Ship's data / Ship's particulars

1.1. Ship's name / Ship's

1.2. Possessor or operator / Ship's Owner or operator

1.3. Call sign / Call sign:

1.4. IMO number / IMO Number :

1.5. Gross tonnage

1.6. Home Port / Port of registry :

1.7. Flag State / Flag State :

1.8. Ship type / Type of ship :

Tanker / tanker X Bulk carrier X Other cargo ship/other cargo ship X

passenger ship/passenger ship X other (specify)/other (specify) X

2. Port data / Port particulars

2.1. Country / Contry

2.2. Port or region name / Name of port area :

2.3. Location / terminal name (e.g. berth/terminal)

/Location/terminal name (e.g.berth/ terminal):

.....

2.4. The name of the company that operates port reception equipment (if applicable)

/ Name of company operating the reception equipment facility (if applicable):

.....

2.5. X Landing Port/Port of discharging X Charging Port/Port of Loading X Other /other

2.6. Arrival time / Date of arrival :/...../..... (pp/kk/aaaa) / (dd/mm/yyyy)

2.7. Case time / date of occurrence :/...../..... (pp/kk/aaaa) / (dd/mm/yyyy)

2.8. Time of departure/ Date of departure : /...../..... (pp/kk/aaaa) (dd/mm/yyyy)

3. Reception equipment disadvantages / Inadequacy of facilities

the type and quantity of ship's emissions and cargo waste that the port's reception equipment was unable to receive and the content of the problems encountered

/Type and amount of waste for which the port reception equipment facility was inadequate and nature of problems encountered

Type of ship emissions and cargo waste / Type of waste	Quantity transfer (m ³) /Amount for discharge (m ³)	Quantity not received (m ³) /Amount not accepted (m ³)	Problems encountered /Problems encountered A-Missing reception equipment /No reception equipment available B-Excessive Delay/Undue Delay Using C-Receiving devices is technically impossible /Use of reception equipment technically not possible D-Inconvenient location/Inconvenient location E-Ship had to change berths causing delay-costs/vessel had to shift berth involving delay-cost F-Unreasonable fees for receiving equipment /Unreasonable charges for use of facilities G - Muu/other
Marpol Annex I related and oily ship emissions /MARPOL Annex I related type of oily waste:			
Oily and oily bilge water /Oily bilge water			
Oily and oily cargo residues (sediments) /Oily residues (sludge)			
Washing oily and oily pliers (residual oil) /Oily tank washings (slops)			
Black ballast water /Dirty ballast water			
Limescale and sediment from washing the tank /Scale and sludge from tank cleaning			
Other (specify) /Other (specify) MARPOL			
Pest liquid residue/mixture associated with Marpol Annex II for transfer to reception equipment from tank wash /MARPOL Annex II-related Category of NLS residue/water mixture for discharge to facility from tank washings:			

Category X substance			
Category Y substance			
Category Z substance			
MARPOL Annex IV Related/MARPOL Annex IV-related:			
Wastewater/Sewage			
MARPOL Annex V related Type of garbage:			
Plast / Plastic			
Floating packing wood, covering and packaging material /Floting dunnage, lining, or packing materials			
Shredded paper products, rag, glass, metal, bottles, earthenware, etc. /Ground paper products, rags, glass, metal, bottles, crockery, etc.			
Cargo waste /Cargo Residues			
Food waste/Food waste			
Incinerator ash /Incinerator ash			
Other (specify)/Other (specify)			
Marpol Related to Lisa VI			
Ozone-depleting substances and equipment containing these substances /Ozonedependent substances and equipment coating such substances			
Exhaust gas treatment waste /Exhaust gas-cleaning residues			

3.2. Additional information related to the problems presented in the table above
/Additional information with regard to the problems identified in the above table

3.3. Did you discuss these problems or report them to port reception
valdajale/Did you discuss these problems or report them to the port reception equipment
owners?
O Yes/Yes O No / No
If Yes, then with whom (to) (specify / If Yes, with whom (specify)
.....
If so, what was the answer to your problem?
/If Yes, what was the response of the port reception facility to your concerns?
.....
.....

3.4. Did you previously submit a notice (in accordance with port requirements) of the ship's
requirement for receiving equipment?
/Did you give prior notification (in accordance with relevant port requirements) about the vessel's
requirements for reception facilities?
O Yes/Yes O No / No O Not applicable/Not applicable
If so, did you receive confirmation of the availability of reception equipment upon arrival?

/If Yes, did you receive confirmation on the availability of reception facilities on arrival?

O Yes/Yes O No / No

4. Additional comments/comments:

.....
.....

Master's signature / Master's signature Date/Date :/...../..... (pp/kk/aaaa)/(dd/mm/yyyy)

(Annex 7) MUNICIPAL WASTE RECEPTION/ LIQUID WASTE DISPOSAL CONTACT DETAILS

Municipal waste reception

AS Green Marine dispatcher 24h (+372) 5159 303, E-mail: greenmarine@greenmarine.ee, homepage: www.greenmarine.ee

OÜ Multilift UV (+372) 5069 096, E-mail: info@multilift.ee, homepage: www.multilift.ee

OÜ Ekovir E-mail: tallinn@ekovir.ee

Liquid waste disposal contact details

AS Green Marine dispatcher 24 h(+372) 5159 303, E-mail: greenmarine@greenmarine.ee, homepage: www.greenmarine.ee

Hazardous waste reception

EPLER & LORENZ AS (372) 6 39 52 22, E-mail: tallinn@epler-lorenz.ee, homepage: www.kesto.ee

AS Green Marine dispatcher 24 h(+372) 5159 303, E-mail: greenmarine@greenmarine.ee, homepage: www.greenmarine.ee