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Readers are consequently advised to consult qualified professional counsel before making any decision in connection with the enactment, which is here presented in translation for their general information only.*

Water Regulations (Prevention of Pollution of Water) (Disposal of Sewage from Vessels), 5759-1998

By virtue of the power vested in me under Section 20D (a) (4) of the Water Law, 5719-1959 (hereinafter - The Law), and after consultation with the Water Council, and with the approval of the Economics Committee of the Knesset, I make the following regulations:

Definitions

1 In these Regulations -

"The Supervisor" - whoever the Minister of Environmental Protection has appointed in writing for the purposes of these regulations;

"Emptying" - spill from a vessel or from a sewage disposal installation, including discharge, emission, disposal, leak, pumping or removal;

"Vessel" - vessel in whose sailing license, as per its meaning in the Ports Regulations (Maritime Safety) 5743-1982, it was determined that it is authorized to transport or intended to transport more than 12 passengers;

"Supply meter" - a device for measurement of the quantity of sewage discharged from the vessel, sealed against permeation and locked by a bolt, which shall be opened for inspection by the Supervisor only;

"Holder" - the owner, the captain, the lessee, the tenant or the operator of the vessel;

"Bilge water" - liquid that has accumulated at the bottom of the storerooms, the engine room, the pumping room or in any other place in vessels including fuels, oils and ballast water;

"Sewage disposal facility" - a land based facility at a marina

which is used for the collection of sewage from vessels and for its disposal on land;

"Marina" - an area in a water resource used for the anchorage of vessels;

"Sewer system" - a central conduit system for the collection and disposal of sewage that is situated on land;

"Sewage collection system" - a system that is used for or that is designated to be used for the collection of sewage in vessels for the purpose of transferring it to a sewage disposal facility;

"Marina operator" - the owner, tenant or holder of the marina;

"Bolt" - an appliance or mechanism for one time use on which a number is stamped in order to prevent its replacement, and which is locked and opened by breaking or cutting;

"Oil" - oil of various kinds including oil diluted with water and spirits produced from oil;

"Sewage" - waste that is removed by discharge, which is produced during the operation of a vessel, including bilge water;

"Sanitary sewage" - sewage that originates in the sanitary conveniences or in the kitchen of the vessel.

Prohibition of emptying sewage into a water resource	2	A person shall not empty sewage into a water resource nor instruct another person to do so.
Sailing of vessels	3	A holder shall not sail a vessel nor permit another person to sail it other than after having taken all the measures in order to ensure fulfillment of the provisions of these regulations.
Disposal of sewage	4	A holder shall dispose of sewage from a vessel only into a sewage disposal facility and subject to the provisions of these regulations.
Restriction on emptying	5	A marina operator shall not permit the emptying of sewage from a vessel until after he has verified compliance with

sewage from a vessel

Sewage collection system

- provisions of these regulations in the vessel and in the marina.
- 6 (a) A holder shall install a sewage collection system in a vessel which shall consist of a system for collection of bilge water as detailed in the First Schedule and of a sanitary sewage collection system as detailed in the Second Schedule.
- (b) Notwithstanding the provisions of sub-regulation (a), a holder may install a sewage collection system which shall be in accordance with a plan which has been approved by the Shipping and Ports Administration of the Ministry of Transport, and provided that such plan includes provisions in relation to installation of bolts and a supply meter as required in the First and Second Schedules; such a sewage collection system shall not be operated following its installation other than with a written approval from the Supervisor;
- (c) Inspection of the sewage collection system shall be carried out by vessel inspectors of the Shipping and Ports Administration.

Sewage disposal system

- 7 (a) A marina operator shall install a land based installation for the disposal of sewage in the vicinity of the marina at a place that allows access to vessels and he shall be responsible for its operation in accordance with these regulations.
- (b) A sewage disposal facility shall be comprised of a facility for bilge water, and a facility for sanitary sewage as detailed in the Third Schedule.
- (c) A facility for bilge water-
- (1) Shall be situated at a distance from a water resource that shall be approved by the Supervisor;
 - (2) Shall be assembled from an oil separator which shall separate water and oil in a manner that ensures that the concentration of oils in water shall not exceed 10 milligrams per liter;
 - (3) Shall discharge the water after treatment to the sewer system;
 - (4) A roof shall be installed therein which shall prevent the entry of rainwater to its area;
 - (5) A no-return stopcock and a supply meter shall be installed in it before the entry of bilge water into it;

(6) A draining tap shall be installed in it which shall be locked by a bolt which shall be removed when emptying only and shall be kept for inspection;

(7) It shall be placed within a spill containment pallet which shall be sealed against permeation and whose volume shall not be less than 110% of the volume of an oil separator container;

(8) Sewage that has accumulated at the bottom of the collector shall be returned to the separator;

(9) Oils that have accumulated in it shall be emptied by removal as required by law.

(d) An installation for the collection of sanitary sewage:

(1) Shall be connected to the sewer system;

(2) Pipes shall be assembled as specified in the Third Schedule which shall facilitate connection to the vessels.

(e) Neither sanitary sewage nor bilge water shall flow other than to a facility designated for them, as the case may be.

(f) A sewage disposal facility shall be installed by the marina operator in accordance with a plan that the Supervisor has approved and shall only be put into operation after receipt of the Supervisor's written approval for its operation.

Maintaining a register

8 (a) A holder shall maintain a register in which the following matters shall be recorded: name of the vessel and its number; date and time of disposal of the sewage; the amount of sewage disposed of; the location of disposal of the sewage; height of the liquid in collection tanks; number of the bolt that has been removed; number of the new bolt that has been put in place;

(b) The register shall be kept in the vessel and shall be preserved by the holder for at least 24 months after the last record was made in it.

(c) A holder shall present the register to the Supervisor and shall deliver it to him upon his demand.

(d) The provisions of sub-regulation (a) to (c) shall also apply to a marina operator but he shall keep the register at the marina.

(e) Inspection of the register and verification of the records therein in relation to the discharge of sewage to the sewage disposal facility shall be carried out by Pollution Prevention

Inspectors of the Ministry of Environmental Protection.

(f) The provisions of this regulation shall not apply to a vessel that is authorized for the transport of or that is designated for the transport of up to 55 passengers, if a lavatory has not been installed in it.

Saving of laws	9	The provisions of these regulations shall add to the provisions of any other law concerning treatment of sewage, including any other law concerning connections to sewer systems.
Penalties	10	A person who contravenes any of the provisions of these regulations is liable to the penalties provided in Section 20U of the Law.
Commencement	11	These regulations shall enter into force 6 months from the date of their publication.

First Schedule

(Regulation 6)

Legend

System for Collection of Bilge Water

Sketch

Number of the Part	Name of the Part	Remarks
1	Main collection pipe	
2	Filter	
3	No return stopcock	
4	Gate stopcock	
5	Gate Stopcock	
6	Collection tank	sketch as in appendix
7	No return stopcock	
8	Bilge pump	
9	Stopcock	
10	Stopcock	with bolt setting
11	Supply meter	
12	No return stopcock	
13	Gate stopcock	
14	Flange	
22	Stopcock for exit to the sea	with bolt setting

Appendix

Bilge Water Tank

Sketch

A. Volume of the tank adjusted to capacity of the engine and size of the boat.

B. The tank shall be made of steel.

C. The tank shall contain the following accessories:

Legend:

Number of the Part	Name of the Part
15	Buoy
16	Warning of maximum height of the liquid
17	Warning of minimum height with option of automatic pump stoppage
18	Manual peg
19	Ventilation pipe and overflow
20	Drainage stopcock with bolt
21	Height gauge showing the content at any time
9	Entrance
5	Exit for pump
7	No return stopcock

Second Schedule

(Regulation 6)

Sanitary Sewage Collection System

Sketch

Legend:

Number of the Part	Name of the Part	Remarks
1	Sewage drainer from various sources	
2	Main collection pipe	
3	Main trap	
4	No return stopcock	
5	Gate Stopcock	
6	Collection tank	see sketch in appendix
6A	Exit pipe	
7	No return stopcock	

8	Gate stopcock	
9	Sewer pump	
10	Capacity gauge	with bolt setting
11	No return stopcock	
12	Gate stopcock	
13	Flange + gasket	

Appendix
Sanitary Sewage Collection Tank

Sketch

A. Volume of the tank adjusted to number of passengers for sailing capability.

B. The tank shall be made of stainless steel.

C. The tank shall contain the following items:

Legend:

Number of the Part	Name of the Part
14	Buoy
15	Warning of maximum height of the liquid
16	Warning of minimum height + option of automatic pump stoppage
17	Manual peg
18	Ventilation pipe ending at chimney
19	Drainage pipe + gate tap
20	Height gauge showing the content at any time
21	Entrance
8	Exit +gate tap
23	Overflow pipe
24	Tank for collection of overflow
7	No return stopcock

Third Schedule
(Regulation 7)

Sanitary Sewage Disposal Facility

Sketch

Number	Name of the Part	Instructions	and
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of the
Part

- 1 No return stopcock
- 2 Gate stopcock
- 3 Flange
- 4 Capacity gauge
- 5 No return stopcock
- 6 Exit pipe to sewer

Requirements

- As per the Second Schedule
As per the Second Schedule
As per the Second Schedule