

**Environmental Requirements regulations for ship when coming to Alexandria and Dekhela port authority**

	<b>Requirements as per local regulations</b>
Territorial water	the far of furthest anchorage spot of Alexandria Port from the dock is <b>19.88</b> Nautical Milese
Visible emission	- Visible emission is prohibited because the Mediterranean Sea will be an Emission Control Area for Sulphur Oxides and Particulate Matter from 1/5/2024 - ship must decrees its speed to decrease the emission and move with tugboat starting from outer anchorage area until the berth
Fuel restrictions	- Mediterranean Sea will be an Emission Control Area for Sulphur Oxides and Particulate Matter from 1/5/2025. - All ship must use feul with sulpher content (0.1%) from 1/5/2024. - Notify the port with fuel type befor arrival by 24 hr maximum.
Use of incinerators	-Prohibited in port area , territorial waters and economic waters.
Use of scrubber	-scrubber with open loop are prohibited in port area , territorial waters and economic waters, while scrubber with closed loop are Permitted.
Discharge of gray water	- Prohibited in port area, territorial waters, and economic waters and ship must ask for reception facility and the drain connections in ship must be standard as attached in (table 1) - the ship must notify the port befor arrival by 24 hr maximum , and the notification must be according of ADVANCED NOTIFICATION FORM as attached in (annex 1)
Discharge of treated blackwater	- Prohibited in port area, territorial waters, and economic waters and ship must ask for reception facility and the drain connections in ship must be standard as attached in (table 1) - the ship must notify the port befor arrival by 24 hr maximum , and the notification must be according of ADVANCED NOTIFICATION FORM (annex 1)
Discharge of de - chlorinated pool/spa water	-prohibited in port area , territorial waters and economic waters and the ship must ask for reception facility. -the ship must notify the port befor arrival by 24 hr maximum , and the notifucation must be according of ADVANCED NOTIFICATION FORM (annex 1)
Discharge of ballast water	-prohibited to be discharge in port area with one of this regulations: 1- <b>D-1 standard</b> relates to ballast water exchange and requires ships to exchange at least 95% of the ballast water far from the coast (exchange point must be from 200 to 50 nautical miles from the nearest land, and at depth of 200 meters) 2- <b>D-2 standard</b> presence of valid (approved) ballast water treatment systems and states the maximum amount of viable organisms that can be discharged into the sea.
Allowance of live vegetation on open decks	Permitted with avoiding placing plant on the ship decks
Discharge of comminuted food waste	Permitted with this regulation : 1- process of grinding and crashing the food waste must be present 2- discharging at distance not less than 12 nautical miles from the nearest land
Special considerations for coastal and /or marine life	Not allowed for fishing in port area
Discharge of Hazard waste	- prohibited in port area , territorial waters and economic waters and the ship must ask for reception facility with this regulation: 1- Dangerous waste must be generated from the ship content itself and not from cargo on board as: (paints/electronic waste/ charger/ batteries/empty chemical contaminated tank) 2- not allowed to deliver any radioactive and medical waste to the reception facility of port 3- the ship must notify the port befor arrival by 24 hr maximum , and the notification must be according of ADVANCED NOTIFICATION FORM (annex 1)

Paints operation	<ul style="list-style-type: none"> <li>-it is allowed only for ship particulars (Name, IMO number, Distinctive number or letters, flag State)</li> <li>- the agency of ship must notify the port before painting</li> <li>- the paints must be: <ul style="list-style-type: none"> <li>• not contain environmental hazardous solvents</li> <li>• must be environmentally safe</li> <li>• must be antifouling paint and not contain TBT</li> </ul> </li> </ul>
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**Table (1) Drain connection specification for gray water and black treated sewage water**

Description	Dimension
Outside diameter	210mm
Inner diameter	According to pipe outside diameter
Bot circle diameter	170 mm
Slots in flange	4 holes 18 mm in diameter equidistantly placed on a bolt circle of the above diameter , slotted to the flange periphery. The slot width to be 18 mm
Flange thickness	16 mm
Bolts and nuts: Quantity and diameter	4 , each of 16 mm in diameter and suitable length
The flange is designed to accept pipes up to a maximum internal diameter of 100 mm and shall be of steel or other equivalent material having a flat face. This flange, together with a gasket of oil- proof material shall be suitable for service pressure of 600 Kpa	

# (Annex 1)

## STANDARD FORMAT OF THE ADVANCE NOTIFICATION FORM

### FOR WASTE DELIVERY TO PORT RECEPTION FACILITIES (MEPC.1/Circ.644)

**Notification of the Delivery of Waste to .....** (enter name of port or terminal)

*The master of a ship should forward the information below to the designated authority at least 24 hours in advance of arrival or upon departure of the previous port if the voyage is less than 24 hours*

*This form shall be retained on board the vessel along with the appropriate Oil RB, Cargo RB or Garbage RB*

#### DELIVERY FROM SHIPS (ANF)

##### 1. SHIP PARTICULARS

1.1 Name of ship:	1.5 Owner or operator:
1.2 IMO number:	1.6 Distinctive number or letters:
1.3 Gross tonnage:	1.7 Flag State:
1.4 Type of ship: Oil tanker      Chemical tanker      Bulk carrier      Container <input type="checkbox"/> Other cargo ship      Passenger ship      Ro-ro      Other (specify)	

##### 2. PORT AND VOYAGE PARTICULARS

2.1 Location/Terminal name and POC:	2.6 Last Port where waste was delivered:
2.2 Arrival Date and Time:	2.7 Date of Last Delivery:
2.3 Departure Date and Time:	2.8 Next Port of delivery (if known):
2.4 Last Port and Country:	2.9 Person submitting this form is (if other than the master):
2.5 Next Port and Country (if known):	

##### 3. TYPE AND AMOUNT OF WASTE FOR DISCHARGE TO FACILITY

MARPOL Annex I – Oil	Quantity (m <sup>3</sup> )

Oily bilge water		<b>MARPOL Annex V – Garbage</b>	<b>Quantity (m<sup>3</sup>)</b>
Oily residues (sludge)		Plastic	
Oily tank washings		Floating dunnage, lining, or packing material	
Dirty ballast water		Ground-down paper products, rags, glass, metal, bottles, crockery etc.	
Scale and sludge from tank cleaning		Cargo residues <sup>2</sup> , paper products, rags, glass, metal, bottles, crockery, etc.	
Other (please specify)		Food waste	
<b>MARPOL Annex II – NLS</b>	<b>Quantity (m<sup>3</sup>)/Name<sup>1</sup></b>	Incinerator ash	
Category X substance		Other wastes (specify)	
Category Y substance		<b>MARPOL Annex VI –</b>	<b>Quantity (m<sup>3</sup>)</b>
Category Z substance		<b>Air pollution</b>	
OS – other substances		Ozone-depleting substances and equipment containing such substances	
<b>MARPOL Annex IV – Sewage</b>	<b>Quantity (m<sup>3</sup>)</b>	Exhaust gas-cleaning residues	

<sup>1</sup> Indicate the proper shipping name of the NLS involved.

<sup>2</sup> Indicate the proper shipping name of the dry cargo.

Name of ship:	IMO Number:
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Please state below the approximate amount of waste and residues remaining on board and the percentage of maximum storage capacity. If delivering all waste on board at this port please strike through this table and tick the box below. If delivering some or no waste, please complete all columns.

I confirm that I am delivering all the waste held on board this vessel (as shown on page 1) at this port

Type	Maximum dedicated storage capacity m <sup>3</sup>	Amount of waste retained on board m <sup>3</sup>	Port at which remaining waste will be delivered (if known)	Estimate amount of waste to be generated between notification and next port of call m <sup>3</sup>
<b>MARPOL Annex I – Oil</b>				
Oily bilge water				
Oily residues (sludges)				
Oily tank washings				
Dirty ballast water				
Scale and sludge from tank cleaning				
Other (please specify)				
<b>MARPOL Annex II – NLS</b>				
Category X substance				
Category Y substance				
Category Z substance				
OS – other substances				
<b>MARPOL Annex IV – Sewage</b>				
Sewage				

<b>MARPOL Annex V – Garbage</b>				
Plastic				
Floating dunnage, lining or packing material				
Ground paper products, rags, glass, metal, bottles, crockery				
Cargo residues, paper products, rags, glass, metal bottles, crockery				
Food waste				
Incinerator ash				
Other wastes (specify)				

Date: .....

Name and Position: .....

Time: .....

Signature: .....