

APR 21 2003



PPA ADMINISTRATIVE ORDER
NUMBER 02 - 2003

**TO PORT DISTRICT MANAGERS
PORT MANAGERS
SHIPPING COMPANIES/LINES/AGENTS
CARGO HANDLING CONTRACTORS
AND ALL OTHERS CONCERNED**

**SUBJECT IMPLEMENTING GUIDELINES ON MARPOL 73/78
REQUIREMENT FOR SHORE RECEPTION FACILITIES (SRF)**

1 Authority

- 1 1 Section 6(a)(iii) and 6(b)(ix) of PD 857, as amended
- 1 2 PPA Memorandum Circular No 04-85 entitled "Policy on the Prevention of Marine Pollution"
- 1 3 PPA Administrative Order No 16-95 entitled "Rules and Regulations on the Prevention/Control of Oil, Garbage and Sewage Waste Through the use of Reception Facilities/Collection of Vessels Refuse"
- 1 4 International Convention for the Prevention of Pollution from Ships, 1973 as modified in 1978 (MARPOL 73/78)
- 1 5 International Management Code for the Safe Operation of Ships and Pollution Prevention (International Safety Management Code)
- 1 6 UN Convention on the Law of the Sea (UNCLOS)
- 1 7 PPA Board Resolution No 2001-782

2 Objectives

- 2 1 To comply with the requirements of MARPOL 73/78 and other international conventions relative to reception facilities
- 2 2 To prevent or reduce marine pollution by controlling or prohibiting illegal discharge of wastes from vessels
- 2 3 To ensure that vessel-generated wastes are properly collected, treated and disposed of in an environmentally sound way and in accordance with existing standards and laws

VISION

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MISSION

By 2010 PPA shall have met the international standards in port facilities and services in at least ten (10) ports in support of national development.

We commit to provide reliable and responsive services in our ports, sustain development of our port communities and the environment, and be a model corporate agency of the government.

3 Scope

- 3 1 This Order shall apply to all
 - 3 1 1 base ports, sub-ports and private ports,
 - 3 1 2 vessels, except warships, naval auxiliary ships, and other government-owned vessels used for non-commercial service, and
 - 3 1 3 vessels' generated wastes such as those covered by Annexes I (Oil), II (Noxious Liquid Substance) and V (Garbage) of MARPOL 73/78

4 Definition of Terms

For purposes of this Order, the following terms shall be understood to mean, as follows

- 4 1 Shore Reception Facility (SRF) - shall refer to a physical system ashore or afloat used for receiving discharges of oily wastes, noxious liquid substance and garbage from vessels
- 4 2 Oily Wastes- shall refer to wastes from cargo residues and from the operation of machinery of the vessel. It includes waste lubricants, fuel processing, spills, leaks, oily residues, fuel sludge and oily mixtures or refuse. Oils referred to are those listed in the **Annex A** of this Order
- 4 3 Garbage- shall refer to all kinds of victuals, domestic and operational waste excluding fresh fish and parts thereof generated during the normal operation of the vessel and liable to be disposed of continuously or periodically
- 4 4 Noxious Liquid Substance (NLS)- shall mean any substance, which if discharged into the sea would present a hazard, minor or major, to either marine resources or human health or cause serious harm to amenities or either legitimate use of the sea. Substances referred to are listed in **Annex B** of this Order
- 4.5 Treatment Facility- shall mean a physical plant established for the purpose of treating, recycling, neutralizing, stabilizing and disinfecting the wastes received from vessels
- 4 6 Dirty Ballast Water- shall mean water introduced into a tank of vessel that is contaminated with noxious liquid substance or mixed with oil residue or both
- 4 7 Vessel- shall refer to ship, tanker, barge or floating craft or platform used as means of transportation on water
- 4 8 Base port - a port that is the center of administrative and operational activities within PPA's Port Management Office (PMO)
- 4 9 Private Port – a port facility constructed and owned by a private person or entity
- 4 10 Operator- shall refer to the owner or company authorized to establish and operate the reception and treatment facilities and to render related services as may be authorized by PPA

- 4 11 PPA – shall mean the Philippine Ports Authority
- 4 12 Biodegradable Waste – shall mean any material that can be reduced into finer particles (degraded or decomposed) by microbiological organisms or enzymes (example food scraps, paper, refuse or similar material)
- 4 13 Non-Biodegradable Waste – shall refer to inorganic solid waste which do not undergo decomposition, hence are non-compostable (example plastic products Styrofoam, ceramics, films, sachets for shampoo, coffee soap or milk)

5 General Guidelines

5 1 Compulsory Regime

- 5 1 1 There shall be shore reception facility (SRF) installed in all PPA base ports to provide waste collection and disposal services to ships' generated wastes covered under Section 3 1 hereof
- 5 1 2 The disposal of garbage from vessel into the reception facility shall be compulsory. A fixed fee (flat rate) shall be imposed on every vessel, which shall cover the collection of 0 4 cubic meter or less of garbage. Additional service fee shall be charged for the collection of oily waste, noxious liquid substance and garbage that is in excess of 0 4 cu m in conformity with the schedule as shown in Section 6 of this Order
- 5 1 3 The fees mentioned in Section 5 1 2 shall include the treatment/recycling and ultimate disposal of the wastes collected
- 5 1 4 No imported wastes shall be discharged at the reception facilities
- 5 1 5 The authorized private Operator shall, upon docking of the vessel, render the service of collecting the subject wastes without causing undue delay to the vessel. As such, the Operator shall provide and maintain reception facilities services on a 24-hour basis
- 5 1 6 Vessels, such as warships, naval auxiliary ships and other government-owned ships used for non-commercial service, which are not covered by this Order as specified in Section 3 1 may avail themselves of the herein mentioned waste collection services upon request subject to the payment of fees stipulated in Section 6.

5 2 Exemption

- 5 2 1 Vessel calling at the first port after dry-docking shall be exempted from the payment of corresponding fees, provided that the said vessel can present a certification issued by MARINA accredited shipyard operator attesting to the fact that the vessel has been to the shipyard for dry-docking

- 5 2 2 Vessel of six (6) GRT and below shall dispose of its waste into the facility but shall be exempted from paying the fixed and service fees
- 5 2 3 Vessel, other than passenger ferry, calling at the next port of call shall not be required to make use of the reception facilities nor be required to pay the fixed fee if the said vessel has already discharged its wastes at the first port of call also located within the country, provided that the two calls occurred on the same day The Certificate of Service Rendered issued by the Operator at the first port of call shall serve as evidence of this exemption
- 5 2 4 Discharge of dirty ballast water into the reception facilities shall be optional although not covered by this Order

5 3 Prior Notification and Coordination

- 5 3 1 The shipping agent/line/company applying for berth shall accomplish and submit to the authorized Berthing Officer the "Wastes on Board Vessel Information Form", which is attached as **Annex C**, and shall form part of the application for berth The Berthing Officer shall provide the Operator and the Harbor Operations Section of the PMO with a copy of the duly accomplished Form.
- 5 3 2 The Operator shall, on a regular basis, coordinate with the PMO's Harbor Operations Section, cargo handling contractor, Harbor Pilots and shipping agents/lines/companies as to the schedule of vessels' arrival and other relevant information
- 5 3 3 The Operator, having been notified of the vessel's arrival, shall prepare a plan for the collection of vessel-generated wastes so as not to disrupt port operation or cause delay to vessel
- 5 3 4 The Operator shall establish coordination with the Port State Control Office or Station Commander of the Philippine Coast Guard that is mandated to conduct inspection on board vessel relative to MARPOL 73/78 requirements

5 4 Waste Collection Scheme

- 5 4 1 The time of disposal or transfer of wastes shall take place preferably before or during the cargo handling operation of the vessel, provided that such transfer shall not interfere with the port operations
- 5 4 2 Vessels shall strictly observe the provisions of the "International Management Code for the Safe Operation of Ships and for the Pollution Prevention", or International Safety Management (ISM) Code, with respect to environmental protection and regulations being implemented in ports
- 5 4 3 Garbage
- 5 4 3 1 Segregation of biodegradable waste from non-biodegradable waste shall be observed in discharging said wastes into the reception facilities Each classification of waste shall be placed in a separate

colored plastic bag, yellow for biodegradable waste and black for non-biodegradable waste. Black plastic bag may be used in lieu of yellow plastic bag provided that it is tied with a yellow ribbon or string. However, garbage that cannot be put in plastic bags such as used dunnage, shoring gears, wooden pallets, etc. shall be piled on deck beside those garbage in plastic bags.

- 5 4 3 2 Garbage contained in plastic bags shall be placed on deck only before or immediately upon the docking of the vessel. The Operator shall have the right to refuse the collection of garbage that is not in plastic bags or that which is hanging over-board but shall still be entitled to collect the required fee.
- 5 4 3 3 Garbage collection shall be made every two (2) days for vessel that is continuously docked at the wharf, pier, anchorage or breakwater (inside or outside). The garbage collected in the succeeding collections shall be considered as excess garbage and additional fee shall be imposed as stipulated in Section 6 hereof. In such a case, no fixed fee shall be charged for the succeeding collections.
- 5 4 3 4 For passenger ferry calling regularly at the same port for more than once a day, the disposal of the garbage into the reception facility shall be made on every call.
- 5 4 3 5 Garbage collected from foreign vessels shall be disinfected prior to disposal.

5.4.4 Oil Waste and Noxious Liquid Substance (NLS)

- 5 4 4 1 Collection of oily waste or NLS from foreign vessel shall be made on per entry basis. Vessel intending to call at several ports of the country shall dispose of the said waste at the first port of call.
- 5 4 4 2 Retained NLS, oil sludge or oily waste in holding tank of the vessel subject to disposal shall be discharged into the reception facility immediately after the vessel is docked by means of a standard connection on deck. In the absence of the standard connection, said waste, if practicable, shall be contained in drums to be unloaded at the reception facility.
- 5 4 4 3 Vessel of 400 GRT and above and vessel carrying NLS shall be provided with an Oil Record Book and Cargo Record Book, respectively, which shall be made available for inspection at all reasonable times by representative/s of authorized government agency, such as the Philippine Coast Guard and PPA.

5.5 Issuance of Certificate and Official Receipt

- 5.5.1 Immediately after the waste collection service has been rendered, the Operator shall issue the "Certificate of Service Rendered" to the vessel, copy

furnished the Harbor Operations Section of the PMO, sample format of which is attached as **Annex D**

5.5.2 Upon payment of the required SRF fees, the Operator shall issue the corresponding Official Receipt.

6 Schedule of Fees

TYPE AND CLASSIFICATION OF VESSEL	Fixed Fee (covers the collection of 0.4 cu m or less of garbage)	Additional Fee	
		Excess Garbage	Oil Waste and NLS
DOMESTIC			
➤ Passenger ferry regardless of GRT, that calls at base and private port for more than once a day	Php 30 /call	Php 30 / call	Php 1,300 /cu m
➤ Passenger/cargo vessel from 7 GRT to 400 GRT	Php 30 /call	Php 30 / 0.4 cu m	Php 1,300 /cu m
➤ Passenger/cargo vessel of 401 GRT - 1000 GRT	Php 150 /call	Php150 / 0.4 cu m	Php 1,300 /cu m
➤ Passenger/cargo vessel of 1001 GRT and above	Php 500 /call	Php450 / 0.4 cu m	Php 1,500 /cu m
FOREIGN			
➤ 1000 GRT and below	Php 1,700 /call	Php550 / 0.4 cu m	Php 1,500 /cu m
➤ 1001 GRT and above	Php 5,000 /call	Php600 / 0.4 cu m	Php 1,500 /cu m

7 **Payment of Fees** -The payment of fees for the services herein prescribed particularly for tramper vessels shall be on a “cash and carry” basis. For regular callers, payment of fees shall be upon presentation of the bill by the Operator.

8 Responsibilities

8.1 The PMOs shall provide a space for the SRF operator’s revenue collection staff beside or near their cashier’s staff for easy payment and collection procedures.

8.2 The PDOs, PMOs, owners/operators of private ports, cargo handling contractors’ and shipping agents/lines/companies shall provide the necessary information and other form of assistance with the end view of attaining the desired objectives.

8.3 The Safety and Environmental Management Division of the Port Operations and Services Department shall oversee the operation of the reception and treatment facilities. Emphasis shall be given to the technical aspect of the operation to ensure that existing standards, local and international, are complied with. Likewise, the Division shall

8.3.1 submit a quarterly report to management,

8.3.2 establish a database for vessel-generated wastes,

8.3.3 conduct a similar study relative to the collection, treatment and disposal of other ships’ wastes such as sewage, and

8.3.4 be responsible for port waste management planning and review process.

- 9 **Visitorial Powers** - The Operator shall make available during office hours, for inspection, examination and audit by the Authority, and other government agencies exercising visitorial powers all books of accounts, properties, inventories and operational and financial records
- 10 **Separability Clause** - If any provision of this Order or the application of such provision to any person or circumstances is declared invalid, the other provisions hereof or the application of such provision shall not be affected by such declaration
- 11 **Amendment** - This Order shall be subject to review and amendment of its basic provisions to make it more effective in achieving the objectives/purposes herein set forth
- 12 **Penalty Clause**
- 12 1 Failure of the vessel to pay the fees as prescribed in Sections 6 and 7 shall be ground for the Authority to disallow the entry/berthing of incoming vessels and refuse the departure of outgoing vessels of the concerned shipping lines/agents, in addition to the penalties prescribed under Section 43 of Presidential Decree No 857 without prejudice to the filing of charges, if warranted, against the violator
- 12 2 Failure of the vessel to discharge the oily waste or NLS stored in the slop tank into the reception facility after it has been verified by the Philippine Coast Guard or other authorized agency that said tank is full and warrants the removal or reduction of its content shall be ground for non-issuance of departure clearance by the Authority
- 12 3 Any demurrage incurred by a vessel due to the delay in the scheduled departure time shall be on the account of the Operator if it is proven that the delay is attributed to the latter's failure to complete the services on time. The inability of the Operator to complete the services on time shall be one of the grounds for the cancellation of its contract with the Authority
- 13 **Repealing Clause** - All policies, rules and regulations or parts thereof inconsistent herewith, are deemed repealed or modified accordingly
- 14 **Effectivity** - This Order shall take effect fifteen (15) days after publication in any newspaper of general circulation provided that the prescribed facilities in the covered ports shall have been installed and commissioned.


ALFONSO G. CUSI
General Manager

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LIST OF OILS*Asphalt solutions

Blending Stocks
 Roofers Flux
 Straight Run Residue

Oils

Clarified
 Crude Oil
 Mixtures containing crude oil
 Diesel Oil
 Fuel Oil No 4
 Fuel Oil No 5
 Fuel Oil No 6
 Residual Fuel Oil
 Road Oil
 Transformer Oil
 Aromatic Oil (excluding vegetable oil)
 Lubricating Oils and Blending Stocks
 Mineral Oil
 Motor Oil
 Penetrating Oil
 Spindle Oil
 Turbine Oil

Distillates

Straight Run
 Flashed Feed Stocks

Gas Oil

Cracked

Gasoline Blending Stocks

Alkylates - fuel
 Reformates
 Polymer - fuel

Gasolines

Casinghead (natural)
 Automotive
 Aviation
 Straight Run
 Fuel Oil No 1 (Kerosene)
 Fuel Oil No 1-D
 Fuel Oil No 2
 Fuel Oil No 2-D

Jet Fuels

JP -1 (Kerosene)
 JP - 3
 JP - 4
 JP - 5 (Kerosene, Heavy)
 Turbo Fuel
 Kerosene
 Mineral Spirit

Naphtha

Solvent
 Petroleum
 Heartcut Distillate Oil

* The list of oils shall not necessarily be considered as comprehensive

LIST OF NOXIOUS LIQUID SUBSTANCES CARRIED IN BULK

Acetaldehyde	Chloroprene	1,4- Dioxane
Acetic acid	Chlorosulphonic acid	Diphenyl/Diphenyloxide
Acetic Anhydride	Para-chlorotoluene	Mixtures
Acetone	Citric acid (10%-25%)	Dodecylbenzene
Acetone cyanohydrin	Creosote	Epichlorohydrin
Acetyl chloride	Cresols	2-Ethoxyethyl acetate
Acrolein	Cresylic acid	Ethyl acetate
Acrylic acid	Crotonaldehyde	Ethyl acrylate
Acrylonitrile	Cumene	Ethyl amyl ketone
Adiponitrile	Cyclohexane	Ethylbenzene
Alkylbenzene sulfonate	Cyclohexanol	Ethyl cyclohexane
(Straight chain)	Cyclohexanone	Ethylene chlorohydrin
(branched chain)	Cyclohexylamine	(2-Chloro-ethanol)
Allyl alcohol	Para-Cymene	Ethylene cyanohydrin
Allyl chloride	(Isopropyltoluene)	Ethylenediamine
Alum (15% solution)	Decahydronaphthalene	Ethylene dibromide
Aminoethylethanolamine	Decane	Ethylene dichloride
Hydroxyethyl-	Diacetone alcohol	Ethylene glycol monoethyl
Ethylenediamine	Dibenzyl ether	Ether (Methyl cellosolve)
Ammonia (28% aqueous)	Dichlorobenzenes	2-Ethylhexyl acrylate
Iso-Amyl acetate	Dichloroethyl ether	2-Ethylhexyl alcohol
n-Amyl acetate	Dichloropropene -	Ethyl lactate
n-Amyl alcohol	Dichloropropane	2-Ethyl 3-propylacrolein
Aniline	Mixture (D D soil	Formaldehyde (37-50% solu
Benzene	Fumigant)	tion)
Benzyl alcohol	Diethylamine	Formic acid
Benzyl chloride	Diethylbenzene	Furfuryl alcohol
n-Butyl acetate	(mixed isomers)	Heptanoic acid
sec-Butyl acetate	Diethyl ether	Hexamethylenediamine
n-Butyl acrylate	Diethylenetriamine	Hydrochloric acid
Butyl butyrate	Diethylene glycol	Hydrofluoric acid (40%
Butylene glycol	monoethyl ether	aqueous)
Butyl methacrylate	Diethylketone	Hydrogen peroxide (greater
n-Butyraldehyde	(3-Pentanone)	than 60%)
Butyric acid	Diisobutylene	Isobutyl acrylate
Calcium hydroxide	Diisobutyl ketone	Isobutyl alcohol
(solution)	Diisopropanolamine	Isobutyl methacrylate
Camphor oil	Diisopropylamine	Isobutyraldehyde
Carbon disulphide	Diisopropyl ether	Isooctane
Carbon tetrachloride	Dimethylamine	Isopentane
Caustic potash	(40% aqueous)	Isophorone
(Potassium hydroxide)	Dimethylethanolamine	Isopropylamine
Chloroacetic acid	(2-Dimethylamino-	Isopropyl cyclohexane
Chloroform	ethanol)	Isoprene
Chlorohydrins (crude)	Dimethylformamide	Lactic acid

LIST OF NOXIOUS LIQUID SUBSTANCES CARRIED IN BULK

(continuation)

Mesityl oxide	Silicon tetrachloride
Methyl acetate	Sodium bichromate
Methyl acrylate	(solution)
Methylamyl alcohol	Sodium hydroxide
Methylene chloride	Sodium pentachloro-
2-Methyl-5-Ethyl-pyridine	Phenate (solution)
<ethyl methacrylate	Styrene monomer
2-Methylpentene	Sulphuric acid
alpha-Methylstyrene	Tallow
Monochlorobenzene	Tetraethyl lead
Monoethanolamine	Tetrahydrofuran
Monoisopropanolamine	Tetrahydromaphthalene
Monomethyl	Tetramethylbenzene
ethanolamine	Tetramethyl lead
Mononitrobenzene	Titanium tetrachloride
Monoisopropylamine	Toluene
Morpholine	Toluene diisocyanate
Naphthalene (molten)	Trichloroethane
Naphthenic acids	Trichloroethylene
Nitric acid (90%)	Triethanolamine
2-Nitropropane	Triethylamine
ortho-Nitrotoluene	Trimethylbenzene
Nonyl alcohol	Tritolyl phosphate
Nonylphenol	(Tricresyl phosphate)
n-Octanol	Turpentine (wood)
Oleum	Vinyl acetate
Oxalic acid (10-25%)	Vinylidene chloride
Pentachloroethane	Xylenes (mixed isomers)
n-Pentane	
Perchloroethylene	
(Tetrachloroethylene)	
Phenol	
Phosphoric acid	
Phosphorous (elemental)	
Phthalic anhydride	
(molten)	
beta-Propiolactone	
Propionaldehyde	
Propionic acid	
Propionic anhydride	
n-Propyl acetate	
n-Propyl alcohol	
n-Propylamine	
Pyridine	

Republic of the Philippines
 PHILIPPINE PORTS AUTHORITY
 PMO _____

WASTES ON BOARD VESSEL INFORMATION FORM

Name of Vessel _____

Gross tonnage _____ Port of Registry _____

Type of vessel Conventional Container Passenger
 Liquid Bulk Roll on-roll off Others

Name of company/liner/agent _____

ETA _____ ETD _____

Berth allocation Anchorage Pier/Wharf

<u>Type of Waste for Disposal at the Reception Facilities</u>	<u>Volume/Weight</u>
<input type="checkbox"/> Bilge water	_____
<input type="checkbox"/> Sludge	_____
<input type="checkbox"/> Garbage	_____
<input type="checkbox"/> Noxious Liquid Substance	_____
<input type="checkbox"/> Others (Specify)	_____

Is the vessel fitted with a liquid waste discharge connection? Yes No

If yes, what are the dimensions outside diameter _____ mm , inner diameter _____ mm
 bolt circle diameter _____ mm. and flange thickness _____ mm.

Accomplished by

 Representative of Shipping Line/Agent/Company

Date _____

Name of Operator

Address

CERTIFICATE OF SERVICE RENDERED

This is to certify that _____
(Name of Operator)

provided the service of receiving waste/s from vessel _____

docked at _____ of _____ with the following details
(Name of Port)

Type of Waste _____

Date Received _____

Volume/Quantity _____

Issued by

Operator's authorized representative

Acknowledged by

Master of the Vessel/Agent/Line's authorized representative

Date _____