

LOCAL MARINE NOTICE

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MANAGEMENT AND DISCHARGE OF SHIPBOARD WASTE

Date: 14 December 2021

AUS Chart: 51

This Local Marine Notice (LMN) summarises the regulations on the management and discharge of shipboard waste to Port of Broome waters. Shipboard waste includes sewage, grey water oil or oily mixtures, garbage, cargo hold and deck washing/cleaning and waste incineration.

For the purpose of this Marine Notice, a ship is defined as a vessel of any type (commercial or recreational) operating in Port of Broome waters, and includes hydrofoil boats, air cushion vehicles, submersibles, floating craft and floating platforms.

Any breach of the requirements set out in this LMN is immediately reportable to Broome Port Authority on VHF Ch. 16 or 14, or alternatively by telephone on (08) 91943100 or 0417966252.

Sewage

Consistent with Annex IV of MARPOL 73/78 (Regulations for the Prevention of Pollution by Sewage from Ships), the Port of Broome waters can be divided into two Zones:

Zone 1 - Coastal waters less than three nautical miles from nearest land and

Zone 2 - Waters greater than three nautical miles from nearest land.

Marine and other port users are requested to notify the Kimberley Ports Authority on the discovery of new dangers or suspected dangers to navigation.

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Within Zone 1 the discharge of sewage from the ship is prohibited, except when it is discharged from an approved sewage treatment plant which is certified by the administration to meet the operational requirements referred to in Regulation 9.1.1 of MARPOL 73/78 Annex IV.

This discharge shall not produce visible floating solids or cause discoloration of the surrounding water. The vessel Master should ensure that the ships sewage treatment plant is operating at optimum performance at all times when in the Port of Broome.

Within Zone 2 the discharge of sewage from the ship is prohibited, except when it is discharging in accordance with the above system (Regulation 9.1.1 of MARPOL) or comminuted and disinfected sewage from an approved system in accordance with Regulation 9.1.2 of MARPOL 73/78 Annex IV.

Ships visiting Port of Broome waters that are not equipped with an approved sewage treatment plant (Zone 1) or sewage comminuting and disinfecting system (Zone 2) must retain sewage on board in a suitable holding tank, in accordance with the requirements of AMSA Marine Order Part 96: Marine Pollution Prevention-Sewage (Issue 2).

State environmental legislation applies to commercial ships that treat and/or discharge more than 20 cubic meters of sewage per day whilst stationary and operating within Zone 1 in the Port of Broome. Such ships may require approvals, which are issued by the Western Australian Department of the Environment.

Oil or Oily Mixtures

The discharge of oil and oily mixtures (of any volume or concentration) from a ship into Port of Broome waters is prohibited. This prohibition includes any discharges from oily water separators; this would be in contravention of State environmental legislation.

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Garbage

The disposal of garbage from the ship into Port of Broome waters is prohibited. The definition of garbage is consistent with MARPOL 73/78 Annex V and includes (but is not limited to):

- food wastes
- plastics
- synthetic ropes
- fishing gear
- plastic garbage bags
- incinerator ashes
- cooking oil
- floating dunnage
- lining and packing materials
- paper rags
- glass
- metal
- bottles
- crockery and similar refuse.

Garbage (including galley waste) from international trading ships must not be landed ashore at the Port of Broome without permission from the Department of Agriculture, Water and the Environment. Please refer to the DAWE website for more information: <https://www.awe.gov.au/biosecurity-trade/aircraft-vessels-military/vessels>.

Grey Water

The term grey water is defined to include waste waters (other than sewage) from the sinks, showers, galleys, laundry, and cleanup activities on board a ship.

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Grey water shall only be discharged from a ship in Port of Broome waters if the discharge does not produce visible floating solids, nor cause discolouration of the surrounding waters.

Incinerator

State environmental legislation applies to commercial ships that operate a shipboard incinerator whilst stationary within Zone 1 in the Port of Broome. An approval to operate, issued by the Western Australia Department of the Environment, may be required for any ship that incinerates at a throughput of 100 kilograms or more per hour in Zone1.

Cargo Hold Washing / Cleaning

The discharge of cargo residues (or wash water containing cargo residues) from the cargo hold of any ship in Port of Broome is prohibited. This is consistent with the regulations in MARPOL Annex V.

Note: the Harbour Master may consider approving the discharge of wash water from the cargo space in exceptional circumstances.

Deck Washing / Cleaning

Consistent with the requirements of MARPOL Annex V and State environmental legislation, it is prohibited to discharge the following substances into the Port of Broome from the deck (or other external dry surfaces) of a ship during deck cleaning / washing:

- sediments
- oils or other noxious substances
- garbage
- metal
- pesticides and
- paints.

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Note: the cleaning agents and additives in deck and external surfaces wash water must not contain any substances that are classified as harmful to the marine environment, i.e. non-toxic to marine life, phosphate free, biodegradable, and non-caustic.

The wash down of cargo residues from the deck of a ship within the Port of Broome is permitted in the following circumstances (exceptions provided in MARPOL Annex V Regulation 7):

- where there is a need to avoid navigational hazards such as dust being blown onto the wheel house or bridge wings
- to ensure the safe operation of a helicopter within the landing area and its immediate vicinity to avoid dust being raised by the down-draft of the rotors and
- where residues cause a serious safety hazard to personnel if the spillage is not cleaned from deck areas, adjacent walkways and working areas.



David Duncan
HARBOUR MASTER

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