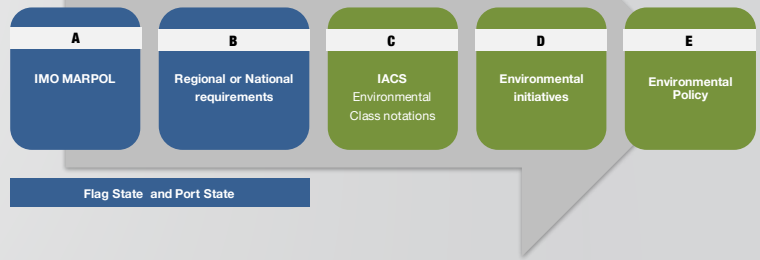


Performance beyond the requirements

Pollution of the marine environment can have both biological and economic impacts.

The requirements of MARPOL set the minimum standard and more specific requirements may exist in regional or national jurisdictions.



Food waste systems

Food waste is one of the most difficult waste to handle on board as it biodegrades readily and contribute to odour.

Historically a simple disposer has been installed under the sink in the galley and no attention has been paid to where the ground food waste has been discharged...

Food waste and food contaminated waste are strictly regulated ashore under health rules concerning 'animal-by-products' and will be subject to quarantine requirements.



- Food waste is a difficult waste to handle on board

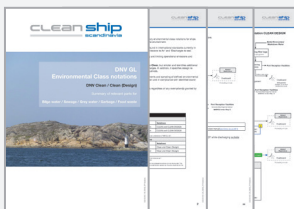
- Common with clogged pipes downstream the disposer/macerator!

- Quarantine waste which requires special handling in port

Contact us - we have the solutions for you!

Food waste vs Sewage Treatment Plant

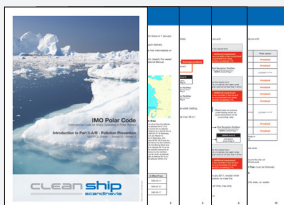
Food waste is not defined as sewage or grey water and shall not be discharged into a vessel's sewage treatment plant as it will contribute to increased levels of BOD (Biochemical Oxygen Demand) and the sewage treatment plant might fail to treat the sewage in accordance with IMO requirements.



Introduction to DNV GL Environmental class notations

DNV GL additional class notations Clean and Clean (Design) are voluntary environmental class notations for ships which are designed, built and operated to give additional protection to the environment. The requirements are in compliance with, or more extensive than those found in international standards currently in force and cover the most important environmental aspects related to 'Emissions to Air' and 'Discharges to sea'.

This publication includes a summary of relevant parts and the minimum requirements for *Bilge water, Sewage, Grey water, Garbage and Food waste*.



Also available IMO Polar Code - Introduction to the new environmental measures

IMO has developed an international code for ships operating in polar waters, the Polar code, which contains both safety and environmental related provisions and will be mandatory under SOLAS and MARPOL.

Contact us for a free copy of the publication "IMO Polar Code - Introduction to Part II-A/B - Pollution Prevention".

Clean Ship Scandinavia AB
Södra Hamnen 31
SE-471 33 Skärhamn, Sweden

www.cleanship.se
info@cleanship.se