



## Pacific Basin

### Pacific Basin Environmental Policy Guide

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#### Environmental Policy Overview

Pacific Basin is a substantial shipping business with an ambitious [vision](#) for the future, in which:

- we plan to grow further with a focus on our core dry bulk shipping and towage activities; and
- we strive to be a shipping industry leader and the partner of choice for customers, staff, shareholders and other stakeholders.

We recognise that such ambition comes with responsibility in a number of areas including, in particular, the environment.

We recognise that emissions and other environmental impacts from our industry need to be significantly reduced, and we are keen to be at the forefront of efforts within our sector to tackle this challenge. Therefore, as a leader in our field, we challenge ourselves to do the best we can to reduce our environmental footprint, not only because of the moral obligation to do so, but also because of the strong business case for taking action.

We have therefore adopted an environmental philosophy which is encompassed in the following straightforward [Environmental Policy](#):

“ *Pacific Basin is committed to being an environmentally responsible company to minimise its impact on the environment, in particular through initiatives to reduce atmospheric emissions, marine discharges and resource consumption. We seek to achieve this by:*

- *adopting environmentally-friendly technologies and practices across our business*
- *pursuing environmental initiatives at sea and on land*

”

#### Related Policy Documents

Our commitment to the safe and environmentally-conscious operation of our ships is communicated through our [Safety, Quality, Health and Environmental Protection \(SQHE\) Policy](#) encompassed in the [Pacific Basin Management System \(PBMS\)](#) which is certified to the mandatory ISM Code and voluntary quality, environmental and occupational health and safety management standards ISO 9001:2008, ISO 14001:2004 and OHSAS 18001:2007. The key objectives of the [PBMS](#) are:

- promoting and ensuring safety at sea and prevention of human injury or loss of life
- avoiding damage to the environment and property, in particular to the marine environment
- enhancing customer satisfaction by determining and meeting their requirements

Important practical examples of how we seek to reduce our environmental impact are highlighted in the [CSR Report](#) (formerly Environmental Report) encompassed in our [Annual Report](#).

*Reference documents:*

- *Safety, Quality, Health and Environmental Protection (SQHE) Policy*
- *Pacific Basin Management Manual (see Annex 3 on environment)*
- *Annual Report (CSR Report section)*
- *Guidelines for Environmentally-Conscious Office Practices*



## Pacific Basin

### 10 Ways We Reduce our Environmental Impact

We own modern dry bulk and towage vessels which consume less fuel and produce fewer emissions than the average vessel in our sectors. Even so, we seek to further reduce our environmental impact through investment in emissions-reducing and other green technologies and practices. For example:

#### At Sea

- 1. We reduce our emissions by improving fuel consumption and engine efficiency**
  - fuel combustion catalyts, optimisation of cylinder lubrication and machinery overhaul intervals
- 2. We reduce our emissions by improving hydrodynamics**
  - propeller boss cap fins and coating anti-fouling up to summer load waterline
- 3. We reduce our emissions through fuel-efficient operating practices**
  - improved course-keeping and reduced rudder movements through adaptive autopilots, fuel-efficient voyage planning with weather and real-time current routing, trim optimisation, Right Speed program and careful scheduling of fleet to minimise ballast passages and maximise utilisation
- 4. We minimise our environmental impact by on-going fleet renewal (fuel-efficient designs)**
  - acquisition of new ships, working with designers/class/builders on innovative, fuel-efficient hull designs and machinery
- 5. We minimise our waste disposal at sea through improved waste management**
  - garbage compactors facilitate easy storage and handling of all domestic operational garbage (except food waste and cargo residue) for responsible disposal at shore-side facilities
- 6. We manage our marine discharges by PBMS-compliant means to prevent pollution**
  - compliance with marine pollution regulations for oil, sewage, garbage and air pollution, IMSBC Code for cargoes, IMO conventions such as ballast water management, antifouling paints, etc. and applicable local regulations such as California low sulphur requirements, Long Beach speed limit program, etc.

#### On Land & Awareness

- 7. We try to minimise our consumption of electricity, water and materials ashore through modest environmentally-conscious practices in our offices**
  - reduced or double-sided printing, economic use of lighting and air-conditioning, recycling of office waste, etc.
- 8. We promote environmental awareness within our company and among our stakeholders**
  - policies and guidelines for staff posted on our intranet and notice boards and in our company newsletter; occasional staff-driven awareness initiatives (eg local boat trips, sponsorship of and participation in local environmental events); crew training at our regular training seminars in Dalian and Manila; publication of our environmental message, initiatives and performance in our CSR Report/Annual Report
- 9. We monitor and assess developments in ship technologies, ready to adopt them once proven sufficiently effective, practical and cost-efficient for our ships**
  - sky sails, solar sails, Magnus-effect Flettner rotors, Mewis ducts, exhaust scrubbers, new cleaner fuels, etc.
- 10. We participate in dialogue to promote sustainable development and shape legislation**
  - engaging with IMO and International Chamber of Shipping via our active role in the Hong Kong Ship Owners Association and other industry bodies

***“A company-wide gold standard environmental policy promising real results” – Lloyd’s List Awards Global 2011***

Our environmental efforts have won us high-profile industry awards, and we take pride in such recognition which serves to raise awareness of what can be done – in all the right, practical ways – to address the environmental agenda and to begin to make a difference.

- Environmental Award 2011 (Lloyd’s List Awards Global & Lloyd’s List Awards Asia) ; CSR Award 2012 (Seatrade Asia); Green Award 2012 (HK Marine Department Awards); Green Flag Environmental Achievement Award 2010 (Port of Long Beach Green Port); Gold Award For Environmental Responsibility (The Asset Corporate Awards 2011)