



OOCL and the
Environment

We take it personally



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Environmental Policy

OOCL recognises that businesses must take responsibility for their industry's effects on the environment. Our company is dedicated to meeting the needs of the present without compromising those of the future. We encourage sustainable economic development through innovative environmental protection measures.

We commit to:

- Apply industry best practices and comply with legislation
- Establish and review safety, security and environment objectives and targets
- Use energy and materials efficiently and reduce waste and emissions
- Communicate our environmental protection policy to all staff and vendors throughout the supply chain
- Release our environmental protection policy to the public
- Serve our stakeholders by assessing their needs and providing information

Our initiatives

OOCL believes that by taking a proactive role in caring for the environment, we can help minimize our carbon footprint and make the world a better place to live for ourselves and future generations. We voluntarily cooperate with many programs and standards around the world, and have received numerous awards and recognition for our achievements and quality practices, including:

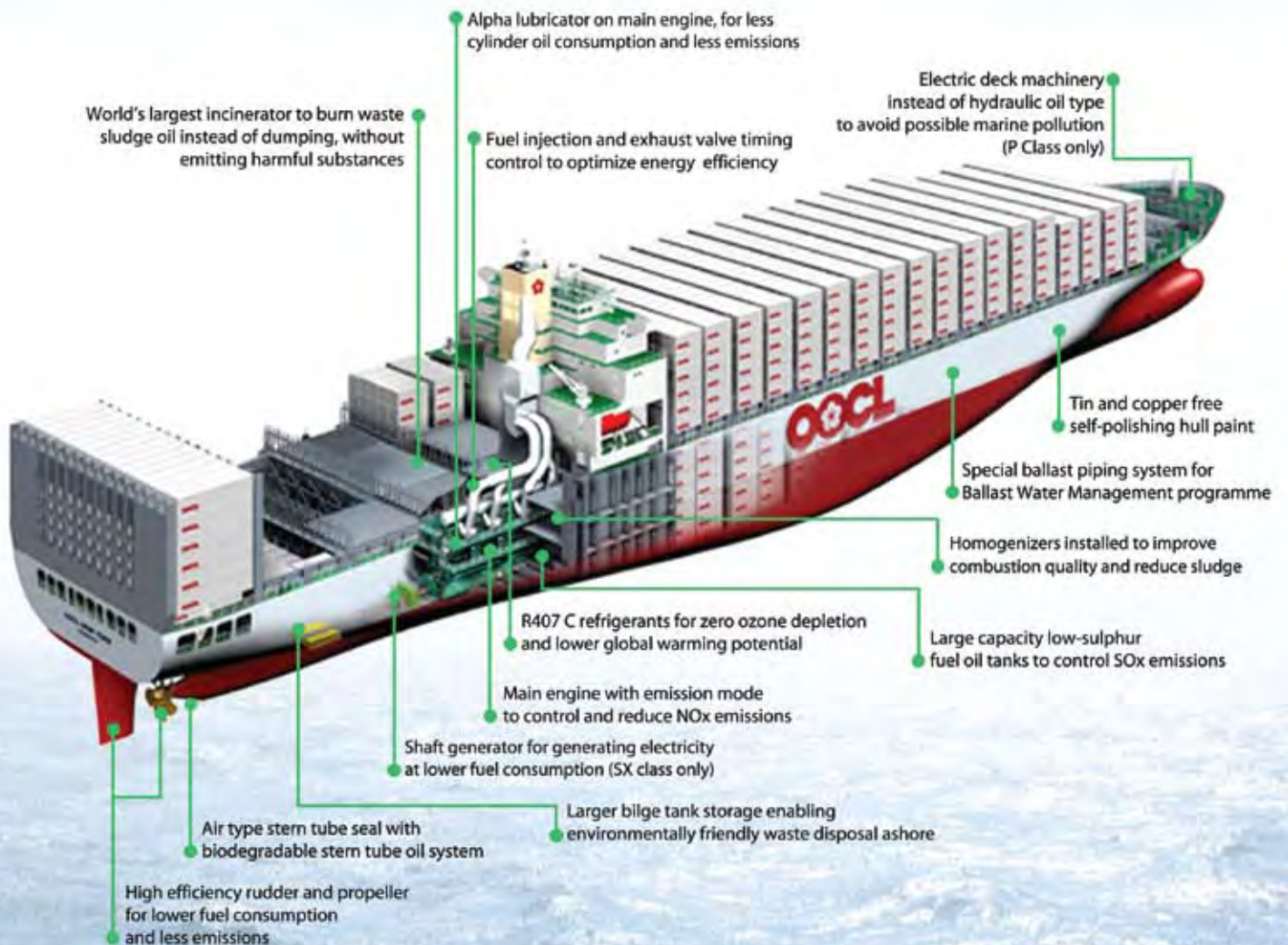
- Qualship 21 (awarded by US Coast Guard)
- Port of Long Beach Green Flag Award (speed reduction program)
- ISM Code, ISO 9001 and ISO 140001
- Ballast Water Management Program

Our proactive efforts to care for the environment fall under three main categories: Reducing Emissions, Promoting Care for the Environment, and Conserving Resources



Environmentally friendly features on OOCL newbuildings

All new ships have voluntarily applied for "Green passport" and "ES" or "EP" notation exceeding existing requirements



Alpha lubricator



Main Engine



Larger bilge tank storage



Incinerator



Shaft generator



Refrigerants



Electric deck machinery

Reducing emissions

OOCL is fully committed to reducing air emissions from our vessels. In 2001, we voluntarily began a fuel saving program. It's a simple equation; the less fuel burned, the less harmful emissions (NOx, SOx and CO2) enter the atmosphere. To reduce fuel burn, we use several techniques:

- Sophisticated satellite weather-navigation routing system
- Vessels sailing with the minimum ballast water possible
- Vessels sailing at optimum speeds to reduce fuel use

For more initiatives, see the diagram "Environmentally friendly features on OOCL newbuildings" (opposite)

Reducing sulphur oxide (SOx) emissions

- We comply with standards of 4.5% sulphur content (International Maritime Organization) and SECA's 1.5%
- We use 0.5% sulphur fuel in California according to CARB regulations
- We voluntarily complied eight months early with the Port of Long Beach "Clean Truck Program". From Jan 1st, 2008, OOCL stopped using pre-1989 trucks for all port moves between Southern Californian terminals and off-dock rail ramps, again helping to reduce emissions.

Reducing nitrogen oxide (NOx) emissions

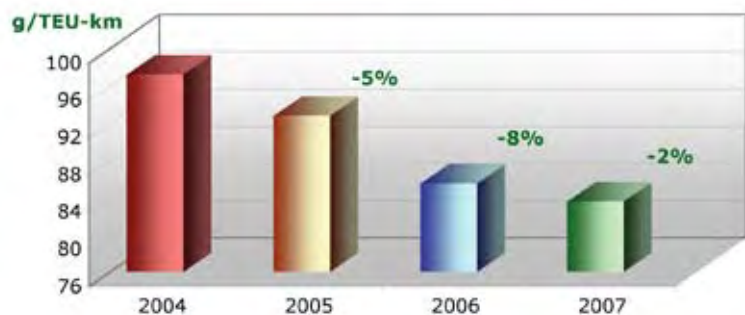
- Since 2000, all our vessels have been installed with environmentally-friendly NOx-controlled propulsive engines
- Advanced slide fuel injection valves, reducing NOx by 30%, are being adopted

CO2 emissions of various freight transport methods *

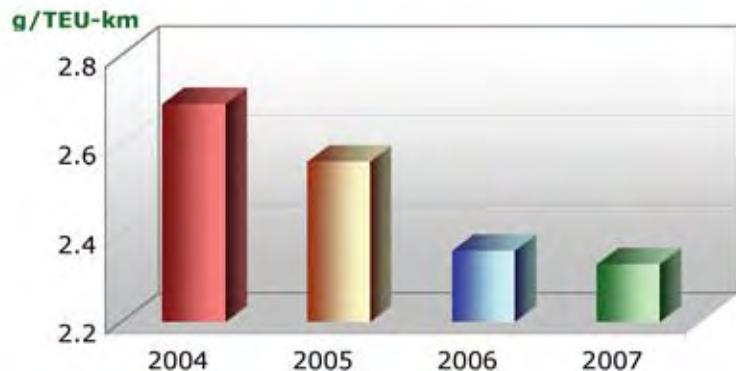


* Source: The Network for Transport and the Environment

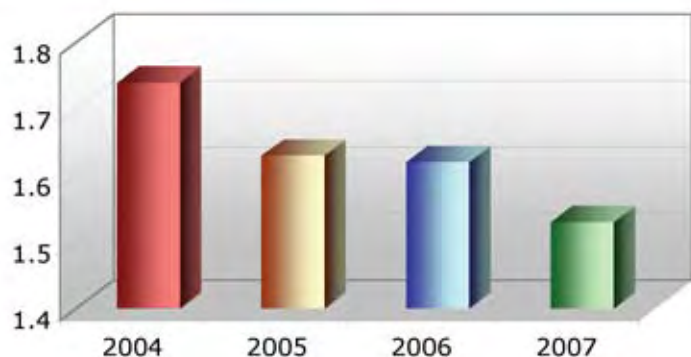
Average CO2 emissions from OOCL owned vessels



Average NOx emissions from OOCL owned vessels



Average SOx emissions from OOCL owned vessels





Promoting Environmental Care

We are continuously studying and applying new ways to care for the environment throughout the supply chain, from the latest technology in our containers to careful selection of vendors and improving our terminal operations.

We are dedicated to using CFC-free refrigerants for all of our reefer containers, and the newest of these containers have the lowest power consumption in the industry.

When OOCL charters in vessels, we conduct an on-hire survey to check all certificates and classification documents of the vessel in order to ensure the ship is safe and is environmentally friendly.

Since 1994, OOCL-operated Long Beach Container Terminal Inc. (LBCTI), in California, has had an ongoing program in place to maintain the most efficient, and lowest-emission yard tractors and Terminal Utility Vehicles. From 2006, the terminal voluntarily converted to low emission fuel.



In May 2005, OOCL-operated Kaohsiung Terminal in Taiwan (KAOCT) converted the entire container yard to a 'green' enterprise.



Environmental awareness and training

The first week of July each year has been designated as OOCL Green Week to promote awareness about Environmental Care. This includes activities such as tree-planting, resources reduction, and conservation projects



Conserving resources

OOCL's policy of conserving natural resources applies at every level of our work. The practice of Reduce, Recycle, and Re-use is meticulously followed on board our vessels and on land.

We encourage colleagues to reduce energy consumption by switching off their computers, copiers and other office equipment and lights after office hours.

We reuse office supplies and furniture, and donate old furniture, computer and office equipment to charity. We collect waste paper for recycling, and use recycled or environmentally friendly paper for all publications.

Containers

OOCL has pioneered tests using fast-growing bamboo as container flooring instead of the traditional types of hardwood, which is a potential way to minimize deforestation.



OOCL colleagues are committed to protecting the environment. Pictured are some of our 'reduce, reuse and recycle' initiatives during OOCL Green Week and throughout the year.

OOCL "in action"



Conserving the marine environment in West Java, Indonesia



Colleagues planting trees in Indonesia



Cleaning up Mohu beach in Japan



City gardening: planting trees in Hong Kong



Replanting a Mangrove Forest in Rayong Province, Thailand



Getting our hands dirty in the Philippines: planting more trees



A "Clean Up Drive" in the United Arab Emirates



Colleagues in India planting trees



Manning the booth at the Port of Long Beach Green Port Festival, USA



Building an eco pond in the UK



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