

## ***The World Lives A 'Green' Way of Life as One of the Most Environmentally Conscious Vessels at Sea***

MIRAMAR, FL – Recognizing the importance of being environmentally conscious and operating with an eye to reducing its carbon footprint, *The World*, the largest privately owned residential yacht on earth, is a Ship of many 'green' firsts.

- It is the first Ship of its size burning clean marine diesel rather than heavy bunker fuel, making for a much more environmentally friendly vessel. As a result, this allows *The World* to call in ports where ships burning heavy fuel are banned.
- *The World* is the first Ship to feature the unique Scanship wastewater cleaning system in which wastes are filtered by means of a flotation system. Solid waste is separated by flotation, then dried twice and incinerated. Waste water remaining after the flotation process is then ultraviolet filtered, and the residual water is clean enough to be used as technical water.
- *The World* is the only passenger ship approved to dock in places such as Monterey, California, which applies the strictest pollution controls in the United States on large cruise ships.

Equally impressive beyond the 'firsts' are environmentally conscious features that were incorporated into the original design.

- *The World* maintains a 'Zero Discharge to Sea' policy – no solid garbage of any kind is released to sea, even when permitted by international pollution regulations. Treated waste water is discharged but only in line with legislation governing the Ship's speed and distance from land. Items such as crushed glass, scrap metal and ash from incinerators and hazardous waste are disposed of on land as required by law.
- *The World* utilizes the revolutionary Enwa mineral filtration system to keep water non-corrosive and clear without the use of an expensive, chemical-based heating / cooling treatment.
- The Ship has a 'Clean Class' notation from the classification society DNV.

*The World* continues to research new technologies to reduce fuel consumption, emissions and its carbon footprint in order to remain one of the 'greenest' vessels sailing the high seas. Key energy-saving initiatives launched in 2010 include:

- Maximizing different engine configurations by using main engines as shaft generators;
- Replacing original provision refrigerator compressors with more efficient machines;

- Installing new dishwashers with models that consume less water;
- Replacing existing 35-watt halogen lamps with more efficient infra-red coated 20-watt halogen lamps to reduce power;
- Implementing the HVAC [heating, ventilating and air conditioning] 'energy save mode' allowing the main HVAC computer system to automatically control the HVAC system in Residences when not occupied; and
- Conversion of the treatment of water in the Marina pool to a Silver Ionization method from the traditional chlorination process, which reduces chemical usage as well as is gentler to the skin and eyes of swimmers.

A dedicated Environmental Engineer is responsible for the prevention of environmental incidents and overall adherence to the Ship's Environmental Management System including training of all crewmembers.

Looking ahead, *The World* will be researching various other energy-saving, cost-effective strategies, some of which can be put into practice while the vessel is sailing and others during its planned 2013 dry-dock period. Specific areas of attention include:

- Capturing any waste heat that can be utilized to assist in fresh water production;
- Evaluating solar panels and/or films and vertical windmills;
- Demand-based cooling water supply by means of motor frequency controllers;
- Exploring lighting needs using LED technology; and
- Upgraded engine turbochargers.

### **About *The World***

Launched in 2002, *The World*<sup>®</sup> is the largest privately owned, residential yacht on earth with 165 luxury Residences. A diverse group of Residents from 19 countries own the homes onboard and share interests in world cultures, history and adventure, and exploring fascinating destinations. They circumnavigate the globe every two to three years following an extraordinary itinerary that they select. In-depth expeditions and one-of-a-kind experiences are complemented by world-class amenities and impeccable service. To learn more about this unique lifestyle call 954-874-3399 or visit [www.aboardtheworld.com](http://www.aboardtheworld.com).

###

### **Media Contacts:**

For additional information or to request images of *The World*, please contact:

In the U.S. and elsewhere – Hilari Graff, Strategic Vision, at (914) 881-9056 or e-mail [hgraff@strategicvision.org](mailto:hgraff@strategicvision.org).

In the U.K. – Jayne Alexander, The Dovetail Agency, at 0207.016.6740 or e-mail [jayne@dovetail-agency.co.uk](mailto:jayne@dovetail-agency.co.uk).

September 2011