



RHUMB LINES

Straight Lines to Navigate By



April 21, 2008

Navy Environmental Stewardship

"The Department of the Navy is committed to preserving and protecting the environment as a necessary part of our mission to defend the United States."

-- Donald Schregardus, Deputy Assistant Secretary of the Navy (Environment)

The Department of the Navy is committed to [environmental stewardship](#) as a necessary part of our mission to protect the United States. The [DON Environmental Strategy](#) links accomplishment of the warfighting mission with the responsibility to safeguard natural systems upon which our quality of life depends.

Environmental stewardship at sea

- "Green" shipboard systems on all surface combatants
 - [Plastic waste processors](#) to compress and store plastic trash, allowing for zero discharge of plastics at sea
 - Hazardous material management systems to reduce generation and offload of hazardous waste
 - Waste management equipment to responsibly handle food, paper, cardboard, metal and glass
 - Oil/water separators to keep petroleum products out of the ocean
 - TBT (tributyltin)-free hull antifouling paints to decrease hull drag and save fuel
- Coral Reef Protection – DON is part of the U.S. Coral Reef Task Force, working with scientific organizations, NGOs, Federal, state, and local government agencies, and industry to preserve and protect coral reefs. The task force developed and is implementing actions to reduce human impact on reefs and strengthen stewardship of coral reef ecosystems around the world.

Environmental stewardship ashore

- Natural Resources – Hundreds of wildlife species live on and around Navy installations, including about 125 threatened and endangered species. The Navy spends more than \$5 million annually to manage these species and conserve their habitat, and plans for a consistent, long-term approach to managing these ecosystems.
- Environmental Restoration – The Navy is actively cleaning up past contamination to protect human health and the environment. As of fiscal year 2007, approximately 83% of our installation restoration sites are "response complete" or have long-term remedies in place. All others are on track for completion by 2014.
- Pollution Prevention – The Navy strives to protect the environment by reducing sources of pollution, eliminating use of ozone-depleting substances when possible, purchasing environmentally preferable products, reducing the use of hazardous materials, recycling, and ensuring that Navy activities do not adversely impact the nation's air, water and land resources.
- Environmental Management Systems (EMS) – Under [Executive Order 13423](#), the Navy is reducing environmental impacts and increasing operating efficiency by integrating and tracking environmental considerations as part of daily operations – enhancing compliance and reducing risk to the environment.

Key Messages	Facts & Figures
<ul style="list-style-type: none"> • The Navy has reduced allowed hazardous material items onboard by 66%, and plans additional reductions for the safety and health of our Sailors. • Navy is converting all CFC air-conditioning and refrigeration systems to help protect the ozone layer. • Pollution Prevention Afloat equipment saves time, money, and protects the environment. • The Navy uses shipboard paints with reduced air emissions to enhance air quality in port. 	<ul style="list-style-type: none"> • Of 3,716 hazardous waste sites being cleaned, 3,070 are complete or have long-term remedy in place. • View highlights of green success: at NEXCOM; the 2007 SECNAV Environmental Award winners; and Navy Region Northwest. • A pollution-free geothermal energy plant at NAWS China Lake, Calif. generates 270 MW annually, enough to service 180,000 homes. • The City of San Diego will recognize the Navy as the Recycling Champion for 2007-2008 this week.