



USS Bataan (LHD 5)

2011 SECNAV Top Award Winner, Large Ship Category



USS Hopper (DDG 70)

2011 SECNAV Top Award Winner, Small Ship Category

Incentivized Energy Conservation (i-ENCON)

What is it?

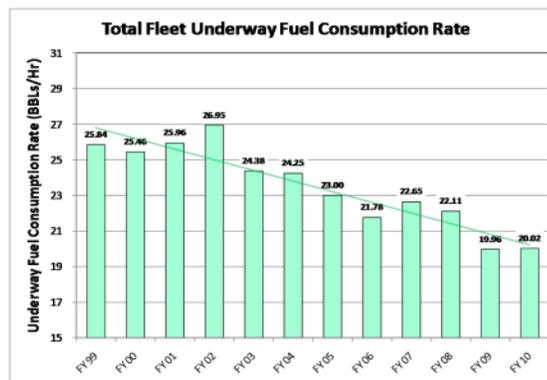
i-ENCON is a NAVSEA meet the fleet program predicated on incentivizing ship fuel conservation.

Description

The shipboard incentivized Energy Conservation program (i-ENCON) was launched by NAVSEA in 1994, on the basis of incentives encouraging ships to reduce fuel consumption. The structure of the program is such that the i-ENCON team travels to U.S. naval bases worldwide, hosting meetings, seminars, and workshops with Fleet Forces members. At these events, the team addresses the political, social, and economical challenges, as well as the impact on the fleet readiness, associated with the consumption of oil. To address these challenges, the team reviews different operational/procedural modifications and techniques they can implement in order to reduce energy consumption and consequently the number of barrels of oil consumed. To incentive ships to utilize conservation techniques, ships with outstanding energy conservation are rewarded with fleet TYCOMs cash awards, SECNAV Annual Energy Awards, DOE plaques, and recognition on the i-ENCON website (www.i-encon.com).

Benefits

Retrofitting the current ship board equipment/technologies is expensive and time consuming. By prioritizing energy conservation in operations, the Navy has the opportunity to make significant advances in energy efficiency now without all the expenses associated with investments. i-ENCON approaches energy conservation through communication, education, and incentives. The results have been a change in the culture. Today, ships anchor and drift when missions permit, they travel on one shaft to save energy, maximize opportunities to keep their hulls clean, execute smart navigation techniques, and keep up with scheduled maintenance. At home, sailors understand the problems associated with America's energy burden and learn to apply the techniques on board ships to their cars, trucks, vans, motorcycles, boats, etc. (some sailors may even decide to pedal bicycles). The result is a culture of sailors who understand how energy conservation supports national security.



At a Glance

How Does it Work?

The i-ENCON team travels to U.S. naval bases around the world, meeting with ship operators to review techniques for operational fuel savings. The program offers monetary and prestigious recognition awards to top ship performers.

What Will it Accomplish?

i-ENCON will continue to lead the culture change surrounding energy conservation through communication, education, and incentives.

Metrics

- Continued reduction in fleet barrels per hour rate
- Generating additional fuel (under burn) to maintain readiness

Applications

- Fleet-wide



For More Information

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