

# The Next Generation in Variable Speed Drive Technology has Arrived.

# 30%-50% Energy Savings

## Over Traditional Motor Controllers

### The First New Technology Variable Speed Drive in Over 30 Years - Qualified Now for Shipboard Use



Earl Industries is proud to announce the completion of a significant milestone in a multiyear development program for a new line of breakthrough technology, energy efficient Variable Speed Drives (VSD) for electric motors. Slated for installation aboard USS Gerald R. Ford, CVN-78, this innovative VSD is expected to provide 30% - 50% energy savings over traditional motor controllers.

Earl's new 10-horsepower VSD, implemented with the breakthrough AC-link\* power conversion and control technology, successfully completed a series of qualification tests proving the drive meets the electromagnetic interference, power quality, and volume requirements of the Navy's rigorous performance standards and specifications. These tests ensure the device can integrate into a ship's electric power system without effecting power quality or injecting noise into other sensitive shipboard equipments and systems. To learn more: [www.earl-ind.com](http://www.earl-ind.com) or contact Ed Goodin at [egoodin@earl-ind.com](mailto:egoodin@earl-ind.com)

**SEE US AT ASNE 2010, BOOTH #718 & 719  
And Let Us Show You The Revolutionary  
Earl Variable Speed Drive.**

\* AC-link is a trademark of Princeton Power Systems 

## The Benefits of Earl's Variable Speed Drive

- + Reduced Total Ownership Cost
- + Reduced Electricity and Fuel Consumption
- + Improved Power Quality
- + Reduced Electromagnetic Interference and Noise
- + Increased Installation Flexibility and Reduced Shipboard Footprint
- + Standard Induction Motors and Shipboard Cabling
- + Increased Motor Life

