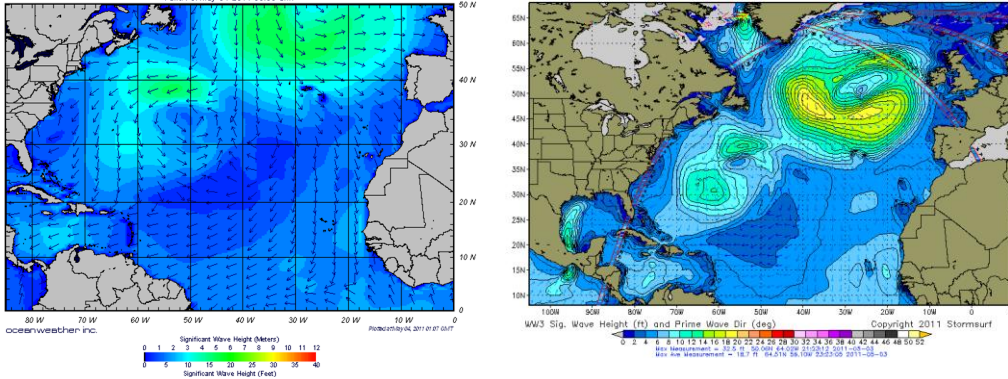




Smart Voyage Planning Decision Aid



What is it?

Smart Voyage Planning Decision Aid (SVPDA) is a computer software application that will be used by the Navy's Fleet Weather Centers in Norfolk and San Diego to push optimized ship routes to all Navy ships for both maximum fuel efficiency and safety.

How Does it Work?

SVPDA reduces energy consumption by exploiting real-time knowledge of the physical environment including:

- Weather
- Waves
- Currents
- Ship-specific hydrodynamic and propulsion data

What Will it Accomplish?

SVPDA capitalizes on real-time data and computing power to plot routes with the potential to save 3% across the Fleet in annual fuel costs.

Applications

Fleet-wide.

Benefits

Potential fuel savings: 3% Fleet-wide (474,000 bbls/year).



For More Information
Contact via NAVSEA Public Affairs
at (202) 781.4123 or
NAVSEAPublic_Affairs@navy.mil