Shipbuilders Council of America

Adapting to Climate and Energy Challenges: Options for U.S. Maritime Forces

Roundtable on Adapting Ship Operations to Energy Challenges

29 March 2011
Set the Requirement!
Industry Contributions

- Independent research & development
  - Hull forms, hull appendages
  - Main machinery improvements
  - Auxiliary machinery improvements
  - Green fuels
- Operating procedures

Lots of great ideas.
Lots of Barriers

Lots of Great Ideas

Contracts
KPP

JROC

OSD

ASN

Schedule

Specifications

Systems

DFAR

Timing

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Platform

PEO

R&D

OPNAV

The One that Got Through
Set the Requirement

- Key Performance Parameter (KPP) related to:
  - Fuel costs
  - Manning
  - Maintainability
Enable the Program Managers

• Allocate:
  – Dollars in both development and acquisition
  – Displacement
  – Center of gravity (KG)
Measure the Performance

• Establish clear performance measurements.
• Measure the performance throughout the program.
• Grade the Navy and industry program managers against it.
• Relate it directly back to the KPP.
Build a Path Through the Barriers
Questions?