

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



The national trade association for U.S. shipbuilders, ship repairers, and shipyard suppliers. Founded in 1920



Viewgraph Number One

**Set the
Requirement!**



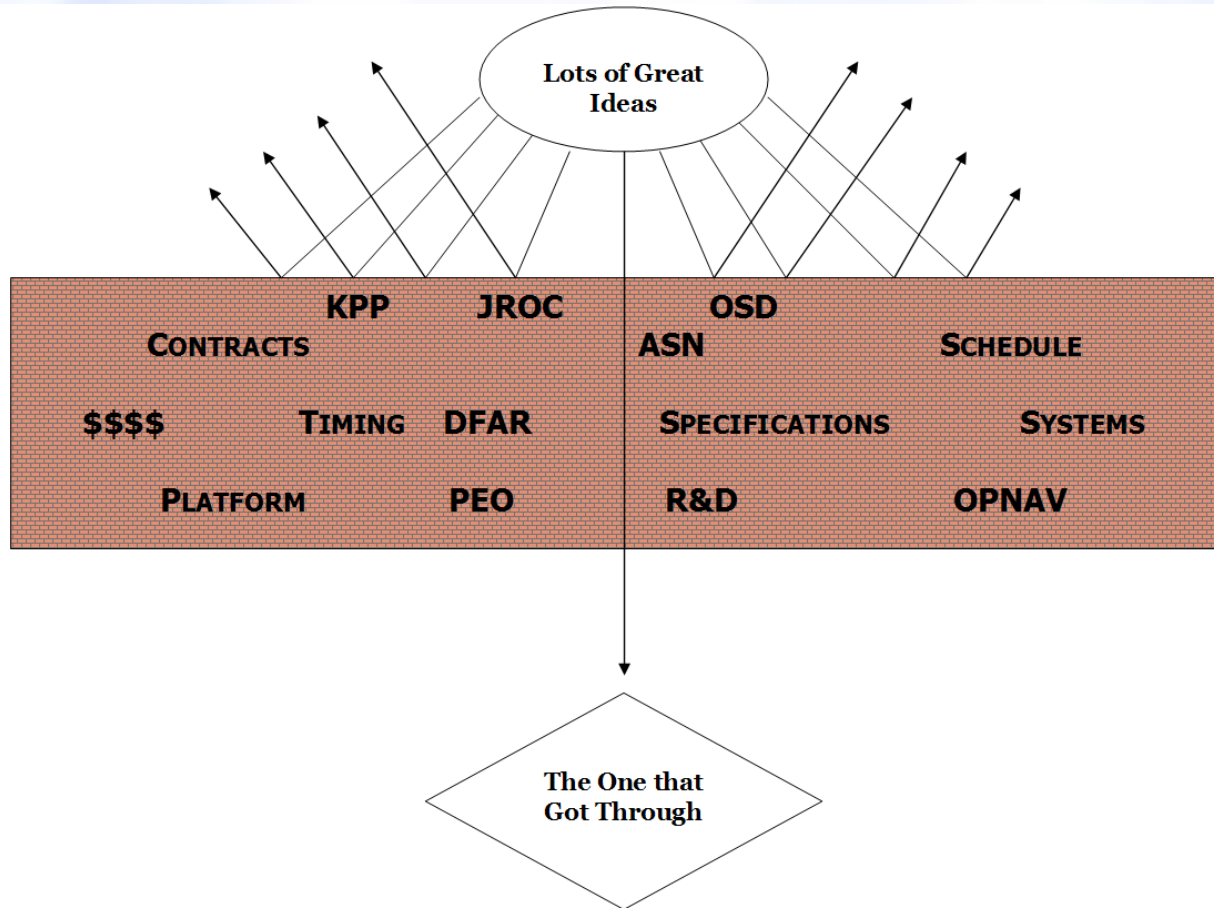
Industry Contributions

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

Lots of great ideas.



Lots of Barriers





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)

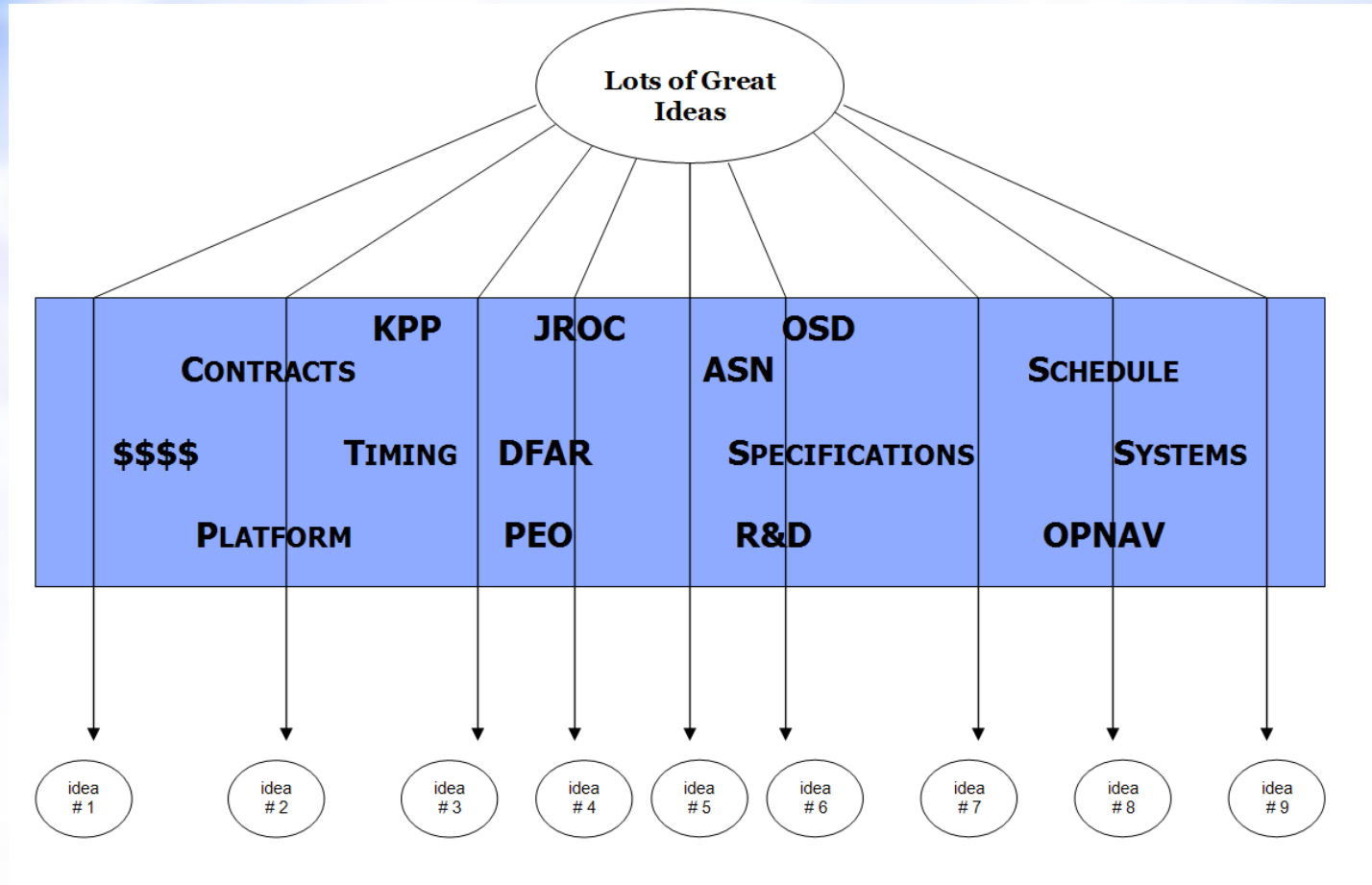


Measure the Performance

- 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





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Questions?