



# NSRP Overview – The Shipyard Perspective

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September 16, 2009





# The Mission of NSRP

- Mission Statement

- Manage and focus national shipbuilding and ship repair research and development funding on technologies that will reduce the cost of ships to the U.S. Navy and other National Security Customers by leveraging best commercial practices and improving the efficiency of the U.S. shipbuilding and ship repair industry. Provide a collaborative framework to improve ship-related technical and business processes

- What this means to us:

- NSRP is a collaboration of 12 U.S. shipyards working with government, industry, and academia to achieve the continuous
- product and process improvements necessary for the U.S. shipbuilding industry to reduce the cost of ship construction and
- repair.





# Shipyards Collaboration





# Shipyard Collaboration

- 1) DfP presentations this week shows great examples of NSRP Shipyard Collaboration with one specific example with Mid Tier DFP reviewing DFP work performed at Nassco years ago and then Nassco using the information and templates developed during the recent Mid Tier Yard DFP program.
- 2) All of the panel projects briefed yesterday provided a glimpse of how this group shares best practices in order to better our industry





# Day One Take Aways

- 1) The recent modification that extends the JFA for another 5 years as well as the commitment for funding levels of \$15M for Fy10 provides a challenge to this group to come up with projects that will help out our industry and the Navy.
- 2) Building a new and changing Navy fleet with more capacity and less funds challenges our group even more.





# Day One Take Aways

- 3) We need to work on improving our image by focusing on the positive aspects of our industry and ensure success on the new projects going forward..
- 4) “Get back to Basics”, “Work in sequence”
- 5) “Ruthless Drive for Affordability and Efficiencies”
- 6) “Find stuff we no longer need or can no longer afford”
- 7) “Everyone is a cost engineer”





# Shipbuilders, We need to listen to them and they are why we are





# The Importance of NSRP

- Importance to US Navy
  - NSRP allows the Navy to use this collaborative environment for special initiatives such as;
  - 1) Spec Review
  - 2) OASIS





# The Effect of NSRP

- Collaborative research and development between regular competitors and some of the major industry initiatives that has worked for our industry;
  - 1) Common Parts Catalog
  - 2) SPARS
  - 3) Navy Product Data Initiative
  - 4) Material Standards
  - 5) Skills Standards
  - 6) Lean Shipbuilding Initiative
  - 7) Benchmarking
  - 8) ShipConstructor 3D Modeling Tool Enhancements





# NSRP All Panel Meeting

- Exercise

- 1) Experience with this group;

- - Minimum of 25 years, 30 Years, 40 Years

- - Keep this picture in mind when you return to your respective facility!!!

## Thanks

- 1) Panel Chairs

- 2) All Presenters this week

- 3) ATI representatives





# • Questions

