



**NATIONAL SHIPBUILDING RESEARCH PROGRAM**  
**ADVANCED SHIPBUILDING ENTERPRISE**

*Reducing Naval Ship Construction & Repair Costs*

# Program Update

Facilities, Tooling & Risk Management  
Panel Meeting

San Diego, CA

November 18-19, 2009

# Program Funding and Ops

- Joint Funding Agreement extended through 2014
- \$15M/yr funding for FY10 and FY11 – sources:
  - PEOs
  - NAVSEA 05
  - Defense Appropriations Bill (pending final vote)
- Panel Project Whitepaper Solicitation released 01 Sep
- Research Announcement released 12 October



# Research Announcement

- New this solicitation cycle: mandatory submission of abstracts in order to submit proposals
  - Due date for abstracts was 12 November
  - Feedback will be sent to all submitters
- Proposals due 12 Feb
- Project Selection slated for late Apr



# Panel Project Whitepapers

- All whitepapers have been submitted to ATI (30 October)
  - 25 whitepapers from 10 panels received
- Panel Chairs to present proposals at 26 January ECB Selection Meeting
- Number selected will depend on amount of funding available ... worthy projects not selected will likely be placed on standby list



# Standby Panel Projects

The following projects are now on contract –  
this brings current panel project total to 12

Project	Panel	Amount
Pilot Tool for Linking Ship Design to Shipyard Simulation	SPPT	\$98,813
Comparison of SAW and Tandem Electrode Gas Shielded Processes for Productivity and Distortion in Thin Panel Butt Joints for Thin Panel Structures	Welding	\$100,000
Cost-Effective Specifications and Requirements Definition	PDMT	\$100,000



# Other Initiatives

## *Open Architecture Ship Interface Standards (OASIS)*

- Navy/Industry Working Group met 21-22 October in Groton
- Focus Continues on development of Roadmap
- Final Roadmap delivery to Navy slated for December



# Other Initiatives (cont)

## *Specs Update*

- NAVSEA asked NSRP to review the proposed changes to three specifications:
  - MIL-STD-777 (piping & valves)
  - MIL-DTL-17060 (60Hz, AC motors)
  - MIL-STD-1689 / Tech. Pub 278 (welding)
- New commonality initiative – “Virtual Shelf” – also being reviewed for impact
- Expect more review requests to arrive as the overhaul of first 12 specs is completed



# *Recent* Meetings & Events

Dates	Event	Comments
Sep 15-17	All-Panel Meeting <i>Philadelphia, PA</i>	Panel Meeting
Oct 21-23	SNAME Annual Meeting & Expo / Ship Production Symposium <i>Providence, RI</i>	Conference



# *Upcoming* Meetings & Events

Dates	Event	Comments
Nov 30-Dec 3	Defense Manufacturing Conference <i>Orlando, FL</i>	Conference
Dec 9-11	Shipyards Prod'n, Business, Systems, Product Design & Mat'l & Crosscut <i>New Orleans, LA</i>	Joint Panel Mtg
Mar 10-11, 2010	ShipTech <i>Biloxi, MS</i>	Conference



# For More Information

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**Updates**  
New Project Information Posted  
Project Stop 2007  
Panel Meeting Presentations Now Posted

CO-FUNDED BY:  
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U.S. Shipbuilding Industry

**NAVSEA**  
Naval Sea Systems Command

**Major Program Initiatives**

- Shipyard Production Processes
- Systems Technology
- Business Process Technologies
- Product Design & Materials Technology
- Facilities, Tooling & Risk Management
- Crewcut Initiatives

**About NSRP**

The National Shipbuilding Research Program was created to reduce the cost of building and maintaining U.S. Navy warships. NSRP is a collaboration of 11 major U.S. shipyards focused on industry-wide implementation of solutions to common cost drivers (for more information, click on map below)

Map showing NSRP ASE (Advanced Shipbuilding Enterprise) locations across the United States, including shipyards like Avondale Industries, BAE Systems, and others.

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# Questions?

