



NATIONAL SHIPBUILDING RESEARCH PROGRAM ADVANCED SHIPBUILDING ENTERPRISE

Reducing Naval Ship Construction & Repair Costs

Surface Preparation and Coatings

Stephen Cogswell – BAE Systems Southeast Shipyards

Judie Blakey – NASSCO

June 21,22&23, 2011

Marinette, WI



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Anti Trust Rules

- Regarding your company's and/or your competitors' products and services
 - Do not discuss current or future prices.
 - Do not discuss any increase or decrease in price.
 - Do not discuss standardizing or stabilizing prices.
 - Do not discuss controlling sales or allocating markets for any product.
 - Do not discuss future design or marketing strategies.
- Regarding your company's and/or your competitors' selection of their supplier companies:
 - Do not discuss refusing to deal with a company because of its pricing or distribution practices.
 - Do not discuss strategies or plans to award business or remove business from a specific company.
- Regarding your company's and/or competitors' trade secrets:
 - Do not discuss trade secrets or confidential information of your company or any other participant.



NSRP SPC Representatives

BAE Systems Southeast – Steve Cogswell
Bender – J. W Napper
Bath Iron Works – Robert Cloutier/Pete Lockwood
GD Electric Boat – Mark Panosky/Mark Toscano
Fleet Rep – TBD
NG Ingalls/ Avondale – Jay Pertuit/Steve Smoak
NASSCO – Judie Blakey
NG Newport News – Arcino Quiero
Todd – Mark Edmonds
Fincantieri Marine Group – Phillip Sagaser
VT Halter Marine-
Bollinger Shipyards-
CWP/Naval Shipyards – Charlie Simmons

Panel Chair – Steve Cogswell- BAE Systems Southeast
Panel Vice-Chair – Judie Blakey - NASSCO
NAVSEA 05P23 – Mark Ingle



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Meeting Objectives

- Provide updates on NSRP SPC activities and Panel Projects
 - Cost of QA for 009-32
 - Alternative Environmental Recorder for 009-32
 - Evaluation of “Spot and Sweep” Blasting as a Cost Effective method of Underwater and Outer Hull Surface Preparation
 - Compatibility of “Single Coat” Tank Coatings with Retained Pre-construction Primer
- Discuss Painting Process Improvements and Metrics
 - Mega Rust update, Cost Reduction Strategies for Preservation Process
 - Discuss Whitepaper drafts, initiate teaming and value for FY-12. SSRAC proposal review.



Upcoming Meetings & Events

- NSRP SPC Panel Meetings
 - ALL Panel meeting- October 4-6 Newport News VA
- Other Meetings
 - Late July, 2011 - SSRAC
 - July 31 - August 5, 2011 – DoD Corrosion Conference 2011, Palm Springs, CA
 - Fall, 2011 – FMMS, San Diego, CA



Why Does it Work? PARTICIPATION!

We all have DAY JOBS. Thanks to all who have participated!

- A diverse group of participants made for very productive meetings
 - NSRP yards
 - NAVSEA 05P23, RMC's and Public SY's
 - Private Shipyards
 - Academia
 - Vendors
- All stakeholders are participating, resulting in a very productive year. We must continue to collaborate and move forward.



NATIONAL SHIPBUILDING RESEARCH PROGRAM



For More Information

The screenshot shows the homepage of the National Shipbuilding Research Program (NSRP). At the top left is the NSRP logo, which features an eagle with wings spread, holding an American flag, with the text 'NATIONAL SHIPBUILDING RESEARCH PROGRAM' and 'NSRP' in the center. To the right of the logo, the text reads 'NATIONAL SHIPBUILDING RESEARCH PROGRAM' and 'ADVANCED SHIPBUILDING ENTERPRISE'. Below this, a search bar contains the word 'SEARCH'. A large banner image shows a ship under construction in a dry dock. Below the banner, a navigation bar includes links for 'Program Information', 'Projects', 'Ship Production Panels', 'Industry Initiatives', and 'Solicitation'. The main content area is divided into several sections: 'VIDEO GALLERY' with a 'Gallery' button and two video thumbnails; 'SOLICITATION INFORMATION' with a 'Current Research Announcement' link; 'TECHNOLOGY TRANSFER' with links for 'SNAME Ship Production Symposium' and 'Environmental Technologies Panel Meeting'; and 'MAJOR PROGRAM INITIATIVES' with a menu of categories like 'SHIPYARD', 'SYSTEMS', 'BUSINESS', 'PRODUCT DESIGN', 'FACILITIES', and 'CROSSCUT'. A 'PROJECT SELECTION PRESS RELEASE' link is also visible.

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ADVANCED SHIPBUILDING ENTERPRISE

SEARCH

Reducing Naval Ship Construction & Repair Costs

Program Information Projects Ship Production Panels Industry Initiatives Solicitation

VIDEO GALLERY Gallery

Remote Climbing Robot for Automated Welding Processes
Demo of a mobile, autonomous, robotic welding platform that

Portable Automated Bulkhead and Hull Straightener
The focus of this project expanded existing technology used in

Large Scale Modeling & Simulation Project Complete

Executive Control Board Awards \$16M for 8 New Major Initiative Projects

Final Report now available

SOLICITATION INFORMATION

[Current Research Announcement](#)

TECHNOLOGY TRANSFER

[SNAME Ship Production Symposium](#)
Call for Papers Closed
November 3-5, 2010
Bellevue, WA

[Environmental Technologies Panel Meeting](#)
November 9-10, 2010

MAJOR PROGRAM INITIATIVES

SHIPYARD SYSTEMS BUSINESS PRODUCT DESIGN FACILITIES CROSSCUT

PROJECT SELECTION PRESS RELEASE

www.nsrp.org

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Questions?



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