

NSRP Update

State of the Panel Address

Environmental Technologies Panel

June 25-26, 2008

Bremerton, WA

Environmental Technologies Panel Steering Committee

- Donna Elks – EB - Chair
- Mike Chee - NASSCO
- Vince Dickinson - BIW
- Shaun Halvax – BAE Systems SDSR
- David Kopack - NAVSEA
- Terry Preston - Atlantic Marine Alabama
- Frank Thorn – NG Newport News

- Personnel from academia and consulting firms will be asked to participate in meetings to provide input

Program Funding and Ops: 2008 & beyond

- **Gov't FY 2008:**

- Combined PEO funding (\$4.5M) and Congressional add (\$12M)
- Will cover Phase 2 “tails” from major projects selected Jan 2007, plus
- Program operations, plus
- Phase 1 of a new round of major projects (details on next slide), plus
- New round of panel projects solicited in May 2008 ... Whitepapers due Aug 14 ... ECB selection in Sep, probably

- **Gov't FY 2009**

- Not in Navy budget, funding will require Congressional action
- Committee and key member staffs have been engaged
- Current Senate Authorization Bill has \$15M NSRP mark, House did not authorize NSRP ... House appropriators to mark up in mid-July

NEW Major Project Selections

Project	NSRP Funding	Est. Cost Share	Duration
Customization of Web-Based Planning	\$542K	\$530K	16 mos
Practical Applications of Design For Producibility	\$1.3M	\$1.5M	12 mos
SPARS 701	\$985K	\$1.1M	24 mos
Large Scale Computer Simulation	\$1.4M	\$1.1M	21 mos
Low Cost Pultruded Composites	\$1.1M	\$1.1M	36 mos
Remote Climbing Robot for Automating Welding	\$126K	\$186K	24 mos
Smart "As-Built" Model Modification	\$639K	\$666K	12 mos
Modern Shipbuilding Design	\$700	\$855K	12 mos
Virtual Welding Trainer	\$1.7M	\$316K	21 mos
Modeling and Simulation 2	\$1.1M	\$1.1M	12 mos

Totals \$9.5M \$8.4M

NAVSEA Specifications Analysis



DEPARTMENT OF THE NAVY
NAVAL SEA SYSTEMS COMMAND
1333 ISAAC HULL AVENUE
WASHINGTON NAVY YARD DC 20376-0001

IN REPLY REFER TO

5000
Ser 05D/072
22 Feb 08

MEMORANDUM

From: SEA 05

Subj: SPECIFICATIONS ANALYSIS FOR TARGETED SHIP COST REDUCTION

1. This memorandum assigns specific tasking for Objective 1.4 related actions resulting from the 6-7 Feb 08 Commander's Forum. Objective 1.4 is Driving Costs Out of Ship Specifications and Components.

- **New initiative aimed at removing/revising the most costly specs, standards, requirements -- where able**
- **Wide-ranging ... involves tech warrant holders, several NSRP panels, and other shipyards reps**
- **Navy completed initial canvassing, analysis -- then passed on details to the shipyards (thru NSRP) for feedback**
- **13 specs identified for 1st round analysis**

Electrical Working Group

- **Group formed in response to Navy and Industry acknowledgement of the increasing complexity of Electrical work**
- **Representatives from:**
 - Bath Iron Works
 - Bender Shipbuilding & Repair
 - Bollinger Shipyards
 - GD NASSCO
 - NG Shipbuilding - Newport News
 - NG Shipbuilding - Gulf Coast
 - *also some Navy engagement*
- **Group has begun to identify, prioritize key issues and best opportunities for cost savings**
- **Group invited to participate in recent Panel Project Solicitation**
- **Planning a meeting for late July at Newport News**

Upcoming Meetings & Events (cont)

<u>Dates</u>	<u>Event / Location</u>	<u>Comments</u>
Jun 25-26	Environmental Technology <i>Bremerton, WA</i>	Panel Meeting
Aug 5-6	Welding Technology <i>Ketchikan, AK</i>	Panel Meeting
Aug 5-7	Joint Panel Meeting (SPPT, BP, SYS) <i>Warwick, RI</i>	Panel Meeting
Aug 18-19	Shipyard Apps for Industrial Lasers 2008 <i>Williamsburg, VA</i>	Conference
Sep 3-4	Product Design and Materials Technologies <i>Bath, ME</i>	Panel Meeting
Sep 23-25	ASNE 'Engineering the Total Ship' Forum <i>Virginia Beach, VA</i>	Panel Meeting
Sep 30-Oct 1	Surface Prep & Coatings, Environmental Tech <i>Johnstown, PA</i>	Joint Panel Meeting

For More Information -- *New, Improved* Website!*

www.nsrp.org

*Program info, research announcements,
briefings, project descriptions ...*

**Please give us your feedback*

The screenshot shows the homepage of the National Shipbuilding Research Program (NSRP). At the top, the header includes the NSRP logo, the text "NATIONAL SHIPBUILDING RESEARCH PROGRAM" and "ADVANCED SHIPBUILDING ENTERPRISE", and a search bar with a "GO" button. Below the header is the tagline "Reducing Naval Ship Construction & Repair Costs".

On the left side, there is a navigation menu with the following items: Home, About Us, Project Information, Ship Production Panels, Events, Industry Initiatives, Key Documents, Links, and Contact Us.

The main content area features a section titled "Recruiting the Next Generation of Shipbuilders....". The text below this title states: "Close to 900 students took part in two NSRP-sponsored Career Day Events in Mississippi and Virginia. Efforts to mitigate the expected shortage of qualified workers by attracting students to careers in shipbuilding are critical to building the Navy's fleet." Below this text is a link to "Career Day Events" for further information. Two photographs show students and professionals interacting at a career day event.

Below the photographs, a paragraph explains: "The National Shipbuilding Research Program was created by U.S. shipyards at NAVSEA request to reduce the cost of building and maintaining U.S. Navy warships. NSRP is structured as a collaboration of 12 major U.S. shipyards focused on industry-wide implementation of solutions to common cost drivers. The NSRP Advanced Shipbuilding Enterprise targets solutions to consensus priority issues that exhibit a compelling business case to improve the efficiency of the U.S. Shipbuilding and Ship Repair industry."

At the bottom left, it says "CO-FUNDED BY: the U.S. Navy and the U.S. Shipbuilding Industry" and lists logos for NAVSEA, PEO, and other partners. At the bottom center, there is a map of the United States with logos for various shipyards and companies, including Bollinger, Northrop Grumman, and others. At the bottom right, there are links for "Home", "Links", "Site Map", and "Privacy Policy".

Questions?