

NSRP Update

**Business Process Technologies
Shipyard Production Process Technologies
Systems Technology**

Joint Panel Meeting

April 22-24, 2008

Seattle, WA

Program Funding and Ops: 2008 & beyond

- **Gov't FY 2008:**

- Combined PEO funding (\$4.5M-\$5.0M) 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
- *Most likely, a new round of panel projects ... Panel Chairs are being advised to start developing topics & white papers*

- **Gov't FY 2009**

- Not in Navy budget, funding will require Congressional action
- Committee and key member staffs have been engaged ... wait 'n' see

- **Gov't FY 2010+ -- less clear...inclusion in Navy budget??**

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 ... will involve all tech warrant holders ... and potentially several NSRP panels**
- **Navy will do initial canvassing, analysis -- then go to shipyards (thru NSRP) for feedback**
- **Details TBD ... *stay tuned***

Electrical Working Group

- **Group formed in response to Navy and Industry acknowledgement of the increasing complexity of Electrical work**
- **Representatives from:**
 - Bath Iron Work
 - Bender Shipbuilding & Repair
 - Bollinger Shipyards
 - NASSCO
 - Northrop Grumman Shipbuilding - Newport News
 - Northrop Grumman Shipbuilding - Gulf Coast
- **Group has begun to identify, prioritize key issues and best opportunities for cost savings**

Upcoming Meetings & Events

<u>Dates</u>	<u>Event / Location</u>	<u>Comments</u>
Apr 22-24	Joint Panel Meeting (SPPT, BP, SYS) Seattle, WA	Panel Meeting
Jun 4-5	Product Design & Materials Technologies Seattle, WA	Panel Meeting
Jun 10-11	Crosscut Initiatives Ketchikan, AK	Panel Meeting
Jun 18-19	Facilities, Tooling and Risk Management San Diego, CA <i>*Tentative* ECB Meeting</i>	Panel Meeting
Jun 23-25	ASNE Day Arlington, VA	
Jun 25-26	Environmental Technologies Bremerton, WA	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) website. The header features the NSRP logo, the text "NATIONAL SHIPBUILDING RESEARCH PROGRAM" and "ADVANCED SHIPBUILDING ENTERPRISE", a search bar, and the tagline "Reducing Naval Ship Construction & Repair Costs". A navigation menu on the left includes links for Home, About Us, Project Information, Ship Production Panels, Events, Industry Initiatives, Key Documents, Links, and Contact Us. The main content area has a section titled "Recruiting the Next Generation of Shipbuilders...." with a sub-header "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 is a link to "Career Day Events" and two photographs of students at career events. A paragraph below the photos states: "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 focusec 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." To the left of this paragraph is a map of the United States with logos for participating shipyards: Bollinger, VT Halter Marine, Inc., Northrop Grumman, and others. 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. The footer contains links for Home, Links, Site Map, and Privacy Policy.

Questions?