

NSRP Update

**Product Design & Material Technologies
Panel Meeting**

September 25-26, 2007

Newport News, VA

Program Funding and Ops: 2008

- **ECB, Navy champions seeking commitment for stable funding for FY 2008 and beyond**
 - Tentative \$5M commitment from PEOs
- **House Armed Services and Appropriations Committees have completed markup of the FY08 bill**
 - No Funding Authorized
- **Senate Armed Services and Appropriations Committee have completed markup of FY08 bill**
 - Added \$15M for NSRP
- **Conference results pend**
 - Next Research Announcement on hold

FY 2008 Congressional Action

FY 2008 Congressional Action on NSRP Funding		
	Subcommittee/Committee Action	Conference Result
House Authorization	No NSRP funding	Pends
Senate Authorization	Added \$15M for NSRP	
House Appropriations	No NSRP funding	Pends
Senate Appropriations	Added \$15M for NSRP	

SAC(D) Marks for NSRP

Line	Item	2008 budget estimate	House allowance	Committee recommendation	Change from—	
					Budget estimate	House allowance
212	INDUSTRIAL PREPAREDNESS	56,445	58,445	56,445		- 2,000
213	MARITIME TECHNOLOGY (MARITECH)		1,500	16,000	+ 16,000	+ 14,500
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	2,477,946	2,520,846	2,492,346	+ 14,400	- 28,500
999	CLASSIFIED PROGRAMS	1,219,225	1,161,225	1,219,225		+ 58,000

Line	Item	2008 budget estimate	Committee recommendation	Change from budget estimate	Requested by
213	Maritime Technology (MARITECH)		16,000	+ 16,000	Sununu
	National Shipbuilding Research Program			+ 15,000	Lott, Sessions
	Navy Automatic Identification Technology (AID) Engineering Support			+ 1,000	Cochran, Lott

Panel Whitepapers

- **Panel Solicitation released May 3**
- **24 submittals made by August 16 deadline**
 - 1 pulled prior to meeting
- **ECB selected 13 totaling 1.16M**
 - At least one project for each panel
- **Contingent upon sufficient FY08 funds**
 - Contracting efforts underway

NEW Panel Projects

Project	Panel	NSRP Funding	Est. Cost Share*	Duration
Field Study Of Ship Coating Performance over Flash Rust	Surf Prep & Coat	\$99,540	\$0	12 mos
Automatic Induction Brazing System for Shipboard Pipe Brazing Applications	Welding	\$91,300	\$0	12 mos
Portable Lifting/Manipulator for Shipboard Environment	Fac/Tool/Risk Mngmt	\$71,700	\$0	12 mos
Constraint Based Design and Planning	Shipyards Prod'n	\$99,200	\$68,457	12 mos
Preparation of Manual on How to Inspect Flash Rust	Surf Prep & Coat	\$74,400	\$41,800	12 mos
Evaluation of Prequalified Welding Procedures for Naval Construction	Welding	\$89,727	\$0	12 mos
Shipbuilding Opportunities in Short Sea Shipping (S3): Reducing U.S. Shipbuilding Costs for S3	Prod Des & Mat'ls	\$99,000	\$7,500	10 mos
Portable Welding Robot	Welding	\$84,000	\$84,000	12 mos
Panel Line Optimization Through Predictive Scheduling II (PLOPS II)	Shipyards Prod'n	\$99,550	\$20,000	10 mos
Improving Design-Analysis Data Management Capabilities for Composite Materials Used in Ships	Systems	\$100,000	\$0	12 mos
Development of Shipyard Oil Handling Best Management Practices Guidebook	Environ	\$61,744	\$0	12 mos
Standardize Interoperable Curricula Across Shipyards	Crosscut	\$90,000	\$15,000	12 mos
SPARS Vendor Packing List	Business	\$99,980	\$0	9 mos

2007 Panel Projects

Project	Panel	Status
QA Rules for Painting Navy Ships	SPC	Extended thru Dec 31
Surface Prep QA/QC Process Improvement	SPC	Ongoing
Flash Rusting Acceptability for Ship Coating	SPC	Ongoing
Tandem Pulsed GMAW for Stiffeners	Weld	Ongoing
Qualification of SAW Procedures	Weld	Ongoing
Single Pass Pipe Socket Welds	Weld	Complete
Full Ship Analysis Model Generation	Sys	Near Completion
Mods for ISO Standards	Sys	Near Completion
Spill Prevention Rule Guidebook	Environ	Complete
Shipyards Environmental Metrics	Environ	Extended thru Oct 12
Standardized Supply Chain Inspections	Bus	Ongoing
Subcontractor Data Guidebook	Bus	Ongoing
Activities-Based Cost Estimator	Bus	Ongoing
Improving Shipbuilding Industry Image	Crosscut	Ongoing
STEP-NC Concept Demo	SPPT	Complete
Hexavalent Chromium Exposure Survey	FTRM	Ongoing
Spanish Translation of OSHA Tapes	FTRM	Extended thru Sep 28

Upcoming Meetings & Events

<u>Dates</u>	<u>Event / Location</u>	<u>Comments</u>
Sep 25-26	Product Design & Materials Technologies <i>Newport News, VA</i>	Panel Meeting
Oct 10-11	Facilities, Tooling & Risk Management (Workers' Comp/SHAC) <i>New Orleans, LA</i>	Panel Meeting
Oct 17-18	Surface Preparation & Coatings <i>Freeport/Bath, ME</i>	Panel Meeting
Oct 31-Nov 1	Environmental Technologies <i>San Diego, CA</i>	Panel Meeting
Nov 14	Crosscut Initiatives <i>Ft. Lauderdale, FL</i>	Panel Meeting
Nov 15-16	SNAME Maritime Technology Conference & Expo and Ship Production Symposium	SNAME
Dec 11-13	Business Process Technologies Facilities, Tooling & Risk Management Product Design & Materials Technologies Ship Production Process Technologies Systems Technology <i>New Orleans, LA</i>	Joint Panel Meeting

Welcome to a New NSRP Member Yard



- **Yards in 3 locations:**
 - Bay Shipbuilding, Sturgeon Bay WI
(commercial new builds, overhaul and repair)
 - Marinette Marine, Marinette WI
(more complex new builds for gov't & commercial)
 - Cleveland Ship Repair
(all types of voyage & topside repair)
- **Bob Herre, MMG President, will serve as ECB rep**

For More Information

www.nsrp.org

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

Questions?