



National Shipbuilding Research Program

Program Update

Facilities, Tooling and Risk Management
Panel Meeting

November 19-20, 2008

Norfolk, VA

Program Funding and Ops: 2008 & beyond

- **FY 2009 Funding**

- Not in Navy budget
- Unlike last two years, no Congressional add
- PEOs have tentatively committed \$4-5M

- **ECB Spending Decisions To Date**

- Phase 2 of all ongoing major projects except one (decision on Mod & Sim II to be made later)
- Shipyards' engagement in Navy Product Data Initiative
- New round of panel projects
 - » \$777K, 9 projects covering 8 panels
 - » 4 additional projects on standby pending receipt of more funding
 - » Details follow...

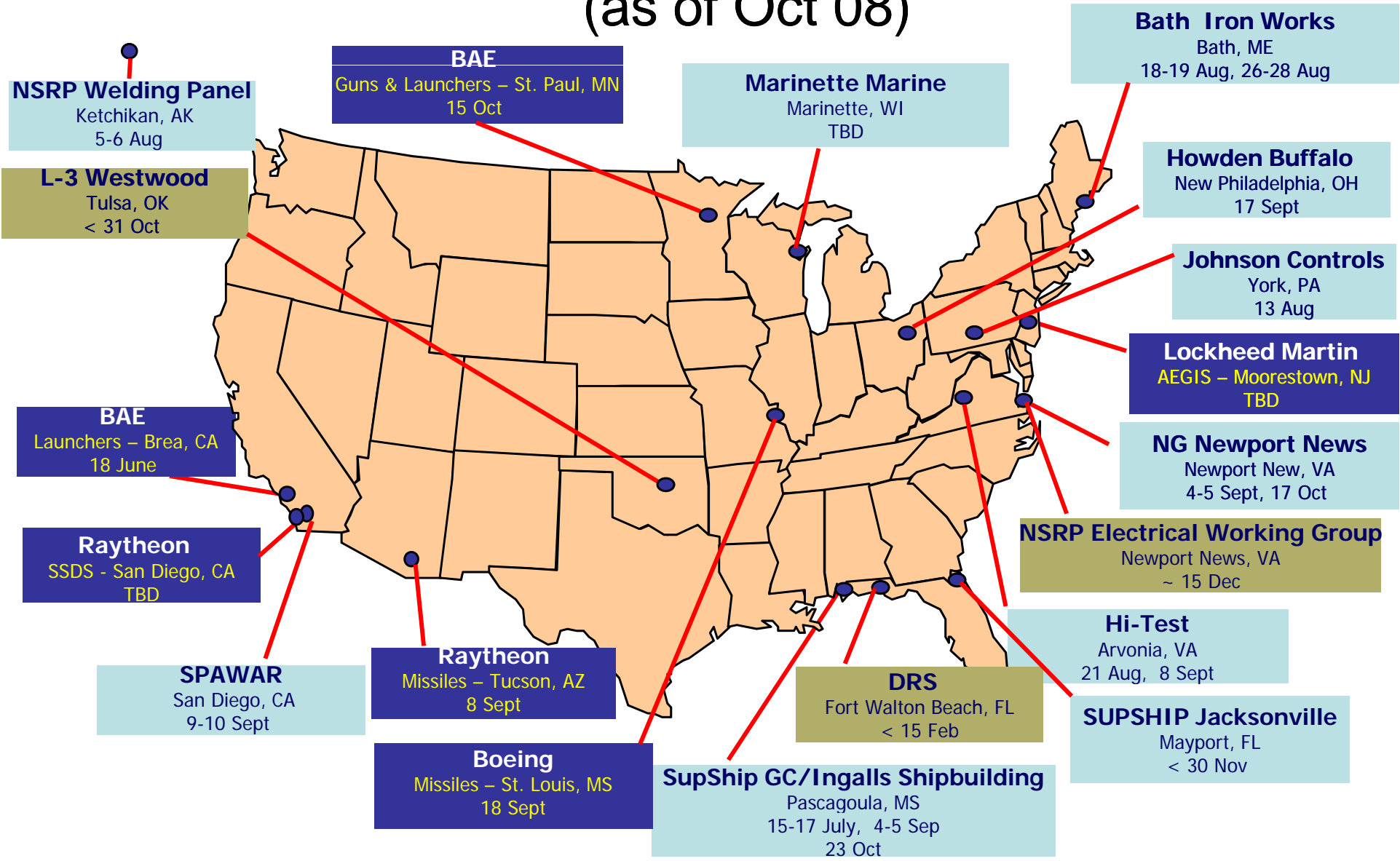
NEW Panel Projects

2008 Selected Panel Projects			
Project	Participants	Panel	NSRP Funding
Risk Reduction in the Primary Scantling Design and Approval Process for Structurally Complex Vessels	NASSCO, ABS	PDMT	\$99,876
Implementation of Navy Standard Welding Procedures	Edison Welding Institute, NGSB-NN	Welding	\$97,014
Retention of Pre-Construction Primer	Atlantic Marine, Elzly Technology Corporation, NASSCO, BIW, NAVSEA 05P23, NGSB-Gulf Coast	SPC	\$91,580
Developing Emissions Factors for Electrodes Commonly Used within the Shipbuilding Industry for use in Regulatory Reporting	Concurrent Technologies Corporation, Penn State University Applied Research Laboratory, Softek Systems, Inc., BAE Systems Norfolk Repair, BIW	Env.	\$92,091
Assessing the Need for 50% Relative Humidity during Tank Painting	Elzly Technology Corporation, Desert Polymers, NASSCO	SPC	\$47,687
Ship Production Rigging Planning Guide	NASSCO, Bath Iron Works, Noran Engineering	SPPT	\$99,791
Performance-Based Language for Preservative Coating Removal in New Construction Shipyards	Bath Iron Works, Collier Scott Shannon PLLC, Electric Boat, NASSCO, Northrop Grumman Shipbuilding Newport News, Northrop Grumman Shipbuilding Gulf Coast, Shipbuilders Council of America	FTRM	\$59,200
Leadership 2010 - Improving Supervision	Alaska Ship & Drydock	Crosscut	\$89,800
Interim SCIM and STEP Implementation	Intergraph Corporation, NGSB-GC, NGIT, Product Data Services Corporation, NSWCCD	Systems	\$100,000
			\$777,039
Standby List			
Project	Participants	Panel	NSRP Funding
Pilot Tool for Linking Ship Design to Shipyard Simulation	Mississippi State University, ShipConstructor USA, VT Halter, Bollinger, Bender Shipbuilding, Todd Pacific, Atlantic Marine, Northrop Grumman - GC	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	Todd Pacific Shipyard, Nassco, CD-adapco, Weaver Engineering, Dwight Laboratories, Machinists Inc., ESAB, Wolf Robotics, Abicor Binzel Corp.	Welding	\$100,000
Cost-Effective Specifications and Requirements Definition	ABS, NASSCO, BIW, NGSB, Bollinger, Victoria Dlugokecki, Malone Consulting, Tedesco Consulting	PDMT	\$100,000
Vessel General NPDES Permit Applicability to Shipyard Vessels and Operations	BAE Systems Ship Repair Norfolk, CH2M HILL	Env.	\$28,000
			\$326,813

NAVSEA Specifications Analysis

- **Shipyard and Vendor visits by NAVSEA Teams in progress (next slide)**
- **NAVSEA has requested \$1.4M in funding for NSRP to fund shipyard participation into next year**
- **Expect two new specs to be analyzed in the October – November timeframe**

DSCR Site Visits (as of Oct 08)



- >- 05P Visits
- >- 05W Visits
- 05Z Visits

“Walk the Factory Floors”

Electrical Working Group

- **Both DPEO-Ships have expressed need for a group to address electrical problem areas in shipbuilding**
 - Recently, IDed cableways, connectors, and splicing as particularly in need of greater efficiencies
- **6 ECB member yards reps IDed**
 - NGSB-NN Gary Zimak
 - NGSB-GC Greg Davidson
 - BIW Dave Brooks
 - EB Stephen DiCarlo
 - NASSCO Ian Kelly
 - Bollinger George Hull
- **5 conf calls to date**
- **NGSB-NN hosted meeting - 30 July**
- **Soliciting reps from other NSRP member yards**

Upcoming Meetings & Events

<u>Dates</u>	<u>Event / Location</u>	<u>Comments</u>
Nov 19-20	Facilities, Tooling & Risk Management <i>Virginia Beach, VA</i>	Panel Meeting
Dec 10-11	Shipyard Prod'n, Business, Systems Product Design and Mat'l <i>New Orleans, LA</i>	Joint Panel Meeting
Dec 1-4	Defense Manufacturing Conference 2008 <i>Orlando, FL</i>	
Jan 13-15	Surface Navy Association Symposium <i>Crystal City, VA</i>	
Feb 18-20	Environmental Technologies <i>New Orleans, LA</i>	Panel Meeting
Mar 10-11, 2009	ShipTech 2009 <i>Biloxi, MS</i>	ECB speakers NSRP booth

Questions?