

NSRP Update

State of the Panel Address

Environmental Technologies Panel

June 23 - 25, 2009

Ketchikan, AK

Environmental Technologies Panel Steering Committee

- Donna Elks – EB - Chair
- Mike Chee - NASSCO
- Stephanie Carver - BIW
- Shaun Halvax – BAE Systems SDSR
- David Kopack – NAVSEA
- Frank Thorn – NG Newport News
- Alan Sprott – Vigor Industrial

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

Emissions Factors for Common Shipyard Electrodes for Regulatory Reporting

Proposer Identification: Prime contractor: Concurrent Technologies Corporation (CTC); Team Members: Penn State (ARL) and Softek Systems, Inc.; Participating Shipyards: BAE Systems NSR, Bath Iron Works (BIW), and others TBD.

Concept Description: This project seeks to identify electrodes that are commonly used for welding in all types of shipbuilding activities (repair, new construction, submarine, surface vessel, etc.) and prioritize them based on a) their overall use, b) lack of current high quality emission factors and c) potential for emitting Hexavalent Chromium and Manganese, the primary constituents driving shipyard offsite public health risks.

- Identify welding electrodes that are commonly used within the industry and determine those that currently lack high quality emission factors.
- Review the identified electrodes to determine their potential to emit Hexavalent Chromium and/or Manganese - the primary constituents driving shipyard offsite public health risks.
- Develop high quality emission factors for the selected electrodes that will be accepted by the U.S. EPA for use in regulatory calculating and reporting.

Upcoming Meetings & Events (cont)

<u>Dates</u>	<u>Event / Location</u>	<u>Comments</u>
Jun 23-25	Environmental Technologies Ketchikan, AL	Panel Meeting
Aug ?	ONR Naval R&D Partnership Conf Washington, DC	ONR
Sept 15-17	Joint Panel Meeting Philadelphia, PA	<u>10 Panels</u>
Oct 21-23	SNAME Maritime Tech Conf. & Expo Providence, RI	Panel Chairs
Mar 9-10, 2010	ShipTech 2010 Biloxi, MS	NSRP – ONR

Nine Panel Joint Meeting

Philadelphia, PA – September 15-17, 2009

Tentative Agenda

Day 1

Current Priorities for the US Navy

Navy Rep.

NSRP Overview from the ECB

ECB Rep.

Overviews from each Panel

Panel Chairs

2 Track Breakout (Design for Producibility & Automation)

Joint Networking Social

Day 2

2 Track Breakout (EH&S Regulatory & Workforce Training)

Lunch (provided)

Tour of Aker Shipyard

Day 3

Closing Remarks on Joint Session

ATI Rep.

Individual Panel Meetings – Breakout (8:00-12:00)

Panel Chairs

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

www.nsrp.org

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

**Please give us your feedback*

NATIONAL SHIPBUILDING RESEARCH PROGRAM
ADVANCED SHIPBUILDING ENTERPRISE

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Reducing Naval Ship Construction & Repair Costs

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Recruiting the Next Generation of Shipbuilders ...

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.

Click on [Career Day Events](#) for further information.

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.

CO-FUNDED BY:
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