

NSRP Update

Surface Preparation and Coatings Panel Meeting

June 18-19, 2008

VA Bch VA

Anti Trust Rules

- **Regarding your company's and/or your competitors' products and services**
 - Do not discuss current or future prices.
 - Do not discuss any increase or decrease in price.
 - Do not discuss standardizing or stabilizing prices.
 - Do not discuss controlling sales or allocating markets for any product.
 - Do not discuss future design or marketing strategies.
- **Regarding your company's and/or your competitors' selection of their supplier companies:**
 - Do not discuss refusing to deal with a company because of its pricing or distribution practices.
 - Do not discuss strategies or plans to award business or remove business from a specific company.
- **Regarding your company's and/or competitors' trade secrets:**
 - Do not discuss trade secrets or confidential information of your company or any other participant.

NSRP SP-3 Shipyard Representatives

Atlantic Marine – Steve Cogswell

Bender - J. W Napper

Bath Iron Works - Mike Ferrell

Electric Boat - Skip Castro

Fleet Rep - TBD

Ingalls/ Avondale – Keith O’Brien/Terry Hayes

NASSCO - Judie Blakey

Newport News – Arcino Quiere

Todd - Pete Judt

Panel Chair – Steve Cogswell- Atlantic Marine Florida

Panel Vice-Chair – Judie Blakey

NAVSEA Rep – Beau Brinckerhoff/Mark Ingal

Overview, March meeting

- **Two-day meeting**
 - Day 1 – Briefings
 - Day 2 – Workshop
 - Held in conjunction with NACE International Conference (Corrosion Engineering Society)
- **More than 40 attendees**
 - Navy, Public Shipyards, Private Shipyards, and Industry
- **Next Panel Meeting Dates**
 - June 16-18 in conjunction with NPCA Marine Coatings Conference in Virginia Beach
 - September 30-Oct 2 in conjunction with SP-1 panel meeting in Johnstown, PA

Meeting Activities (Day 1)

- **NAVSEA Update**
 - Provided 05P23 perspective on key issues
- **Panel Project Updates**
 - Preparation of Manual on How to Inspect Flash Rust
 - » Summarized status and solicited project participation and feedback
 - Field Study Of Ship Coating Performance over Flash Rust
 - » Summarized status and received recommendations for ships to inspect in the field
- **Paperless QA Briefings**
 - NAVSEA CQATK, Mike Ihrig
 - “Elcoship” electronic paint reporting designed for IMO PSPC compliance, Asian New Build Market.

Workshop Activities (Day 2)

Action Item from NAVSEA visit 2//8/08

- **Goal – to develop proposals to submit to SSRAC for revisions of Navy Standard Item 009-32**
 - Used NSRP Panel Project Report “Improved Rules for Painting US Navy Ships During New Construction and Repair” as a starting point
 - Jerry Roberts SSRAC 009-32 Chair provided a presentation, What, Why and How SSRAC proposals are to be written.
 - Received suggestions from meeting attendees
 - Approximately 20 active participants including Navy, Public and Private Shipyards, and Coating Manufacturers
- **Outcome – developed 13 specific ideas for submission around cost drivers in 009-32**
 - Formed working group to develop submission documents
 - Will solicit panel feedback on draft submission documents
 - Final submissions due 30 MAY 2008

Thanks to all who participated

- A diverse group of participants made for a very productive meeting.
- 7 NSRP yards
- NAVSEA 05P23, SERMC and PSNS
- Private Shipyards
- Academia
- Vendors

All stakeholders were present, resulting in a very productive workshop. Collaboration and information sharing between NSRP SP-3 and Mega Rust objective has been accomplished. Forecast similar results for June meeting with NPCA conference.

Program Funding and Ops: 2008 & beyond

- **Congressional action on Defense Appropriations Bill = \$12M add**
- **After DOD/Navy holdbacks, ~\$14.5M added to NSRP contract**
- **FY09 funding will require Congressional intervention**
 - At ShipTech 2008, Dep Asst SecNav-Ships (Allison Stiller) said “NSRP will not go away” ... but was not specific on FY09 and beyond funding source
- **White Paper funding for FY 09 is out. White papers due by August 08**

Current 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	Shipyard 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)	Shipyard 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

SP-3 Panel Whitepapers

- **SP-3 will work this week to identify topics for white papers.**
- **Some suggestions:**
 - Pre construction primer
 - Paperless paint
 - Single coat ballast tank coatings
 - One governing document for US Navy contracts
 - Over spray containment
 - RH requirements per 009-32
 - Cost drivers in 009-32

Upcoming Meetings & Events

SP-1 SP-3 joint meeting: at CTC in Johnston PA Sept 30 Oct. 1st and 2nd.

Tour of coating and welding lab

Joint meeting with SP=1

***BYOB, panels/parts you would like to see stripped or coated with:
corn, laser, UV, powder***

***SP-3 meeting in March. Atlanta GA in conjunction with NACE. The week of March
23rd. Omni downtown Atlanta (Head quarters hotel).***

No fees for DOD working group or exhibit hall .

Request for papers on SBIR

Rapidly deployed, environmentally controlled enclosures for ship construction and repair

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 ... *BUT*, will inevitably bring surf. prep & coatings into play**
- **Navy will do initial canvassing, analysis -- then go to shipyards (thru NSRP) for feedback**
- **Details TBD ... *stay tuned***

We told you to stay tuned:

- **Attached NAVSEA spec Meeting doc**
- **Collaborative effort, NSRP, CWP, Mega Rust**
- **One Document for coating US Naval vessels**

For More Information

www.nsrp.org

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

Questions?