



# **NSRP SP-3 PANEL**

## **Report from the Chair**

**June 14, 2006**

**Norfolk, VA**



# Topics

- **Anti-Trust Rules**
- **SP-3 Panel Shipyard Representatives**
- **Panel Statistics**
- **Meeting Agenda**
- **NSRP & PEO Meetings**
- **Competent Workforce White Paper**
- **Future NSRP Related Meetings**
- **View from the “Chair”**



# 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.



## **SP-3 Panel Shipyard Representatives**

**Atlantic Marine - Alan Curtis**

**Avondale – ?**

**Bender - J. W Napper**

**Bath Iron Works - Mike Ferrell**

**Electric Boat - Skip Castro**

**Fleet Rep - John Kern**

**Ingalls - Terry Hayes**

**NASSCO - Judie Blakey**

**Newport News – Danny McDowell**

**Todd - Pete Judt**

**VT Halter Marine – ?**

**Bollinger - ?**

**Panel Chair - Mark Panosky, Electric Boat**

**Panel Vice-Chair - Alan Curtis, Atlantic Marine**

**NAVSEA Rep - Dail Thomas**



# SP-3 Panel Statistics

- **June 2005, Louisville, KY**
  - 61 attendees
  - Held in conjunction with the Mega-Rust 2005 Conference
- **November 2005, Jacksonville FL**
  - 43 attendees
  - Demo of blasting equipment at Atlantic Marine
- **January 2006, Tampa, FL**
  - 58 attendees
  - Held in conjunction with PACE 2006 Conference



# Meeting Agenda

**Wednesday June 14, 2006**

7:30	Room Opens – Sign In	
8:00	Welcome and Opening Remarks, Introductions	Panel Chair
8:15	SP-3 Chair’s Report	Panel Chair
8:45	ONR Program Update	TBD
9:00	Update on Lessons Learned Project	Dr. Raouf Kattan, Safinah
9:30	Update on Laser Project	Fred Lancaster, Lancorp.
10:00	<b>Break</b>	
10:20	Workshop: “ <b>Partnering for Success</b> ” – This workshop will discuss the ways that shipyards and their sub-contractors for blasting, painting, and coating inspection services can all work together in a way that provides a successful outcome for each party.	
12:00	<b>Lunch</b> (on your own)	
1:00	Resume Workshop: “ <b>Partnering for Success</b> ”	
5:00	<b>Adjourn</b>	



# Meeting Agenda

**Thursday June 15, 2006**

- |              |   |             |
|--------------|---|-------------|
| 7:30         | Room Opens – Sign In                              |             |
| 8:00         | IMO Performance Standards for Protective Coatings | Panel Chair |
| 8:30         | (To be announced)                                 |             |
| 9:00         | (To be announced)                                 |             |
| 9:30         | SP-3 Panel Steering Committee Meeting             |             |
| <b>10:30</b> | <b>Adjourn</b>                                    |             |



# NSRP & PEO Meetings

- **ATI requested SP-3 Panel to provide topics for SBIRs**
  - **Improved surface prep tools for tight spaces**
  - **Quick-cure epoxy paint repair kits**
  - **Standardized paint QA methods and data recording**
  - **Epoxy paints with longer re-coat windows**
  - **Retention of pre-construction primer**
  - **Modify flash rust standards (WJ-2/M in place of WJ-2/L)**
  - **Ergonomic study of injuries from surface prep and painting operations**
  - **Anti-corrosive paints with better temperature resistance**
  - **Coatings for “cosmetic dressing” of non-skid paints**



# NSRP & PEO Meetings

- **ECB requested white papers with greater details on four topics**
  - QA specifications for hull painting
  - Retention of pre-construction primer
  - Flash rust standards
  - Priming Pipe Joints Prior to Hydro
- **Shipyard panel members provided input to Chair for white papers**
- **ECB reps to meet with Deputy PEO's June 22 and make the case**



## What the SP-3 Panel Recommended

- **QA specifications for hull painting**
  - Develop performance-based specs
  - Delete the requirement for formal certifications
  - Delete the requirement for mandatory 3<sup>rd</sup> Party
- **Retention of pre-construction primer**
  - Review SP-3 Panel projects
  - Review current commercial practice
  - Determine what other investigations are needed to prove / disprove the concept



## What the SP-3 Panel Recommended

- **Flash Rust Standards**
  - Review test data on effectiveness of WJ-2/M
  - Review shipyard practices (naval & commercial)
  - Determine if more testing is needed
- **Priming Pipe Joints Prior to Hydro**
  - Review state-of-the-art leak detection equipment
  - Evaluate feasibility of alternatives
  - Conduct tests to see if new method(s) is/are better



# Competent Workforce White Paper

- **Developed from the NSRP Crosscut Initiatives Panel and Ship Tech 2006 review of Japanese lean case studies**
- **Key Findings:**
  - **Japanese accept the reality that PEOPLE build & repair ships**
  - **The most productive Japanese shipyards develop and retain competent managers, front-line supervision and workers**
  - **A combination of technical skills and social science is needed**
  - **Japanese are more active about process improvement and simplification.**
  - **Japanese have a more enlightened attitude toward employees**
  - **Japanese appreciate the power of continuous improvement**
  - **Japanese better understand the pervasiveness of invisible waste and how to eliminate it**



# Competent Workforce White Paper

- **Need to reduce labor costs (example - ~50% of the cost for a Virginia Class submarine)**
- **Best results come from competent people**
- **How to achieve competency?**
  - **Education in theory and principles**
  - **Training in practice**
  - **Assessment to validate learning**
  - **Certification to meet performance standards (debatable)**
- **Better front-line supervisors may be the most critical factor**



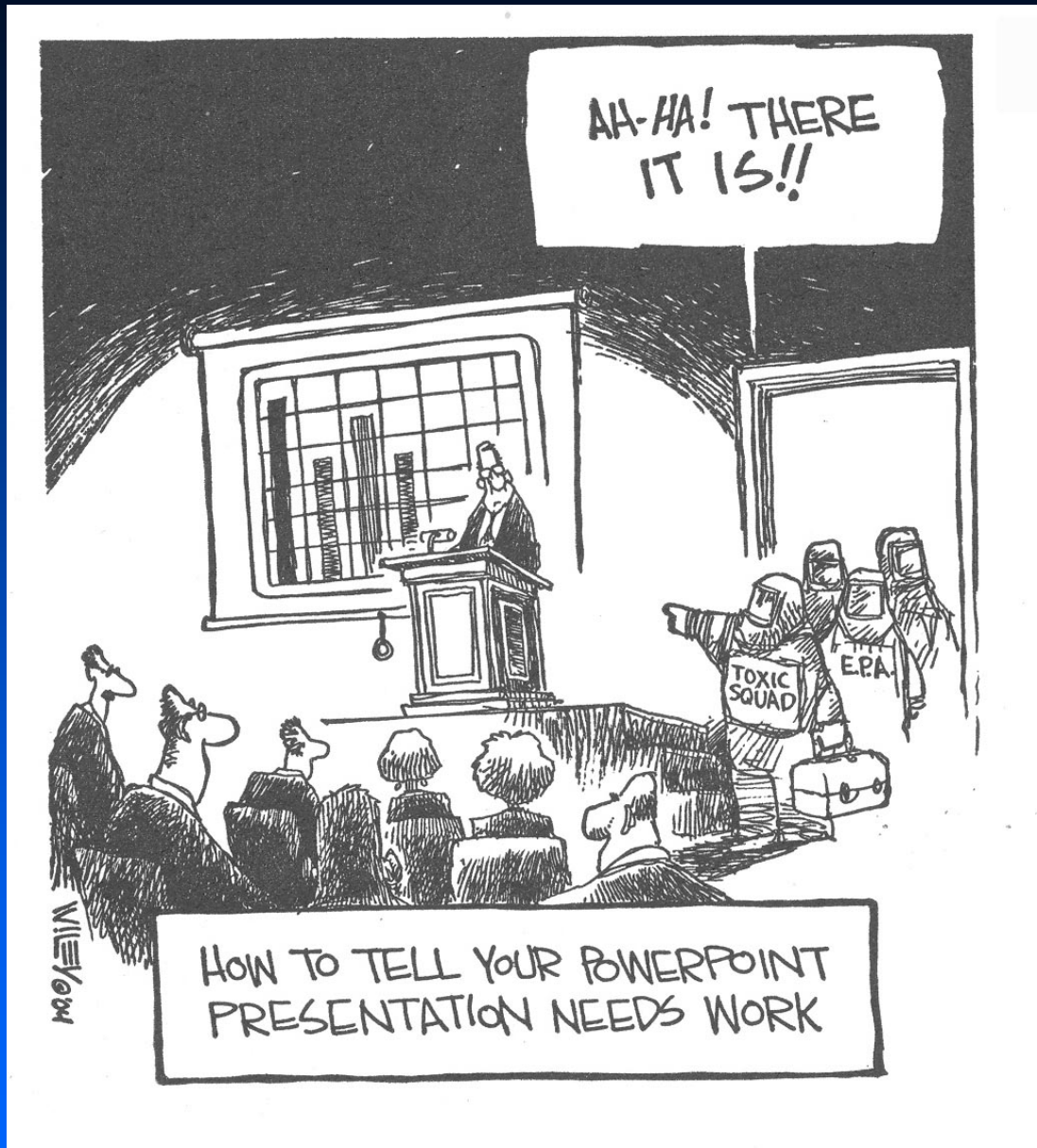
# Upcoming Events

- Lean Forum 4, Sept 12-14, Jacksonville, FL
- SNAME Annual Meeting/Ship Production Symposium, Oct 10-13, Ft. Lauderdale
- Environmental Technologies Panel, June 21-23, Mobile
- Shipyard Production Processes and Business Processes Panel, Sept 11, Jacksonville



## **Future SP-3 Panel Meeting Opportunities**

- 1. Fall 2006 – Seattle, San Diego, other??**
- 2. Winter 2007 – Dallas (with PACE), (city?) with NACE**
- 3. Summer 2007 – Virginia Beach with NPCA**
- 4. Fall 2007 - ??**



**THE END**