

NSRP Update

Crosscut Initiatives Panel Meeting

July 27, 2006

Seattle, WA

Program Funding and Ops: 2007

- **FY 2007 Funding**
 - House authorized and appropriated \$20M
 - Senate authorized and appropriated \$10M
 - Conference (likely in Sept) will reconcile but it's reasonable to assume \$15M in funding from Congress
 - In addition, \$5M committed from PEO Ships, Subs, Carriers
 - PEOs - \$30 million for “good ideas”
 - PEO Submarines - \$50 million – ISE projects
- **Separate contracting vehicle to apply any SCN funds is still being worked**

What Next?

- **RA and Panel Project solicitations is likely**
 - ECB to vote on releasing these at their August 3rd meeting
- **If released early August, expect whitepapers to be due late September**
- **Blue Ribbon Panel Dec 2006**

Next Research Announcement

- **Highlighted Major Initiative areas from SIP**
 - Shipyard Production Processes (6 sub-initiatives)
 - Business Process (6 sub-initiatives)
 - Product Design & Materials (4 sub-initiatives)
 - Systems (9 sub-initiatives)
 - Facilities, Tooling & Risk Management (4 sub-initiatives)
 - Crosscut (5 sub-initiatives)
- **Specific Interest Areas**
 - Lean/Six Sigma Enterprise Concepts
 - Enterprise Integration / Interoperability Enabling Concepts
 - Design For Production / Production Engineering
 - Others Identified by PEOs
 - » Enable expanded modeling and simulation to reduce costs associated with ship structural testing and analysis
 - » advanced materials and designs to reduce weight, realize greater fuel economy & increase lifespan in future Naval ships.
 - » advanced welding technologies that will increase welding speed and quality while reducing distortion and improving the workers' environment.
- **2-year multi-year projects**

Design for Affordability

Design for Affordability – Another area of interest falling under PDMT is DFP (Design for Production, later expanded to Design for Affordability) which was highlighted as a critical need area in the FMI benchmarking. FMI and Richard Storch developed some workshop guidance material that has been passed on to the Panel. The workshop would be longer and more in-depth than a panel meeting, with small breakout sessions that would delve deeper into DFA/DFP applications. Funding source TBD.

Next Panel Project Solicitation

- **Similar to past year but also includes PEO interest areas**
- **Up to 3 whitepapers per panel**
- **Each whitepaper is limited to \$100K (not the total of all 3)**
- **Strong evidence of shipyard demand is key**

Lean Shipbuilding & Ship Repair Forum 2006

September 12-14 Jacksonville, FL

- **Theme: “*Shipbuilding Affordability Through Lean/Six Sigma*”**
- **Technical Tracks**
- **“Crackerbarrel”**
 - Timed, facilitated small-group discussions on selected Lean topics
 - Topics: Lean Metrics, Lean Above the Shop Floor, Customer Alignment, Reward Systems, Sustaining Lean, and Lean Organization
- **Dinner Speaker**
 - Jerry Bussell, Medtronic has accepted
- **Tours**
 - Ameritape (specialty tape & label stock)
 - Atlantic Marine (ship construction & repair)
 - JEA (electric, water, sewer utility)
 - Medtronic (medical technology mfg. & services)
 - NAVAIR Depot Jacksonville (aircraft engine overhauls)
 - Pilot Pen (writing instruments)
 - RexCorp (paperboard packaging)

Registration closes Aug 11- visit www.nsrp.org

SMTC and Ship Production Symposium

October 12-13 Ft. Lauderdale, FL

- **19 Ship Production Symposium papers will be presented representing 8 panel areas**
 - Crosscut paper on standby
- **Each presentation expected to be approved for PE credit**
- **NSRP booth at Expo**

Register at www.sname.org

Short Sea Shipping

- **Looking for collaboration between Tier 2-3 shipyards and generic design concepts**

Short Sea Shipping – Based on a desire by the ECB to get the ball rolling in this area, the PDMT panel is pulling together a proposal for a possible workshop with interested parties (vessel owners, shipyards, designers, and others) to identify a small number of generic designs that could be built in U.S. yards. The source of funding for this is still undetermined.

Upcoming Conf. & Panel Meetings

<u>Dates</u>	<u>Event / Location</u>	<u>Comments</u>
Aug 8-10	Systems Technology <i>Bath, ME</i>	Panel Meeting
Aug 22-23	Welding Technology <i>Carderock, MD</i>	Panel Meeting
Sep 11	Shipyard Production Process & Business Process <i>Jacksonville, FL</i>	Panel Meeting
Sep 12-14	Lean Shipbuilding & Ship Repair Forum <i>Jacksonville, FL</i>	
Oct 11-13	Ship Production Symposium / SNAME MTC <i>Ft. Lauderdale, FL</i>	NSRP booth
Oct 31-Nov 2 (ten)	Surface Prep and Coatings <i>Seattle, WA</i>	Panel Meeting
Oct 31-Nov 2	Crosscut Initiatives <i>Tidewater area</i>	Panel Meeting
Nov 7-8	Facilities, Tooling, Risk Management <i>San Diego, CA</i>	Panel Meeting
Nov 9-10 (ten)	Environmental Technologies <i>Bath, ME or Tidewater area</i>	Panel Meeting
Nov 14 (ten)	Product Design and Material Tech <i>Carderock, MD</i>	Panel Meeting
Dec 12-13 (ten)	Joint Panel Meeting <i>New Orleans, LA or Savannah, GA</i>	Panel Meeting

Questions?